

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050908.D
 Acq On : 28 Aug 2018 12:25
 Operator : MD\SY
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 8/29/2018 11:09:51 AM

Quant Time: Aug 29 01:34:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:19:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	118870	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	628750	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	559091	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	227835	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	12.40	95	247739	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	10.09	98	796535	30.55	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.83%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	158094	21.42	ug/l	100
3) Chloromethane	2.06	50	183321	21.03	ug/l	100
4) Vinyl Chloride	2.18	62	177619	20.62	ug/l	100
5) Bromomethane	2.56	94	100926	19.22	ug/l	100
6) Chloroethane	2.70	64	102967	20.27	ug/l	100
7) Trichlorofluoromethane	3.01	101	231959	20.31	ug/l	100
8) Diethyl Ether	3.41	74	78140	19.41	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	143165	20.25	ug/l	100
10) 1,1-Dichloroethene	3.73	96	128292	19.97	ug/l	100
11) Methyl Iodide	3.95	142	101444	16.93	ug/l	100
12) Methyl Acetate	4.33	43	147429	19.85	ug/l	100
13) Acrolein	3.61	56	13502	82.10	ug/l	100
14) Acrylonitrile	5.00	53	243652	97.03	ug/l	100
15) Acetone	3.82	58	60028	93.42	ug/l	100
16) Carbon Disulfide	4.05	76	383105	19.84	ug/l	100
17) Allyl chloride	4.32	41	194113	19.21	ug/l	100
18) Methylene Chloride	4.55	84	152673	20.25	ug/l	100
19) trans-1,2-Dichloroethene	5.04	96	135697	19.83	ug/l	100
20) Diisopropyl ether	5.96	45	428846	20.44	ug/l	100
21) 1,1-Dichloroethane	5.85	63	260077	20.22	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	153666	19.88	ug/l	100
23) tert-Butyl Alcohol	4.79	59	50998	95.49	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	340532	19.38	ug/l	100
25) Chloroform	7.37	83	260419	20.29	ug/l	100
26) Cyclohexane	7.66	56	205631	19.30	ug/l	100
29) 1,1-Dichloropropene	7.80	75	189227	20.10	ug/l	100
30) 2-Butanone	6.84	43	271064	93.61	ug/l	100
31) 2,2-Dichloropropane	6.83	77	178787	19.52	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	217959	20.42	ug/l	100
33) Carbon Tetrachloride	7.78	117	195668	20.36	ug/l	100
34) Benzene	8.04	78	593543	20.38	ug/l	100
35) Methacrylonitrile	7.18	41	68461	21.58	ug/l	100
36) 1,2-Dichloroethane	8.13	62	181693	20.63	ug/l	100
37) Trichloroethene	8.84	130	151625	19.92	ug/l	100
38) Methylcyclohexane	9.08	83	192322	19.02	ug/l	100
39) 1,2-Dichloropropane	9.12	63	156624	20.59	ug/l	100
40) Dibromomethane	9.21	93	93020	20.30	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	195521	20.25	ug/l	100
42) Vinyl Acetate	5.90	43	1322094	99.12	ug/l	100
43) Ethyl Acetate	6.93	43	122757	20.69	ug/l	100
44) Isopropyl Acetate	8.17	43	208571	19.93	ug/l	100
45) 1,4-Dioxane	9.20	88	31945	410.83	ug/l	100
46) Methyl methacrylate	9.20	41	100768	19.22	ug/l	100
47) n-amyl Acetate	12.07	43	156142	18.55	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	181536	19.18	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	212974	19.58	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	137541	20.66	ug/l	100
51) Ethyl methacrylate	10.43	69	151287	18.58	ug/l	100
52) 1,3-Dichloropropane	10.71	76	223930	20.31	ug/l	100
53) Dibromochloromethane	10.90	129	149532	19.76	ug/l	100
54) 1,2-Dibromoethane	11.01	107	130986	19.90	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	321419	94.85	ug/l	100
56) Bromoform	12.13	173	105353	19.57	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	619816	96.89	ug/l	100
59) 2-Hexanone	10.75	43	391198	93.56	ug/l	100
61) Tetrachloroethene	10.63	164	141507	20.31	ug/l	100
62) Toluene	10.16	91	633905	20.32	ug/l	100
64) Chlorobenzene	11.44	112	385600	19.95	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	146569	20.08	ug/l	100
66) Ethyl Benzene	11.51	91	630732	19.52	ug/l	100
67) m/p-Xylenes	11.62	106	500739	40.28	ug/l	100
68) o-Xylene	11.95	106	237076	19.96	ug/l	100
69) Styrene	11.97	104	375555	19.89	ug/l	100
70) Isopropylbenzene	12.25	105	637488	20.20	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	174071	20.37	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	149010m	20.27	ug/l	
73) Bromobenzene	12.53	156	164541	19.81	ug/l	100
74) n-propylbenzene	12.59	91	713538	20.00	ug/l	100
75) 2-Chlorotoluene	12.68	91	434572	20.05	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	523040	20.28	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	38088	18.13	ug/l	100
78) 4-Chlorotoluene	12.77	91	427092	20.01	ug/l	100
79) tert-butylbenzene	12.99	119	450503	20.11	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	526432	20.47	ug/l	100
81) sec-Butylbenzene	13.17	105	583322	19.90	ug/l	100
82) p-Isopropyltoluene	13.29	119	503016	19.88	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	277676	19.78	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	262318	19.72	ug/l	100
85) n-Butylbenzene	13.62	91	360715	18.69	ug/l	100
86) Hexachloroethane	13.88	117	94836	19.53	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	279455	20.22	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	24462	20.46	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	103838	16.88	ug/l	100
90) Hexachlorobutadiene	15.01	225	82845	19.82	ug/l	100
91) Naphthalene	15.14	128	204956	15.54	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	110757	17.94	ug/l	100

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Manual Integrations
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QLast Update : Wed Aug 29 01:19:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

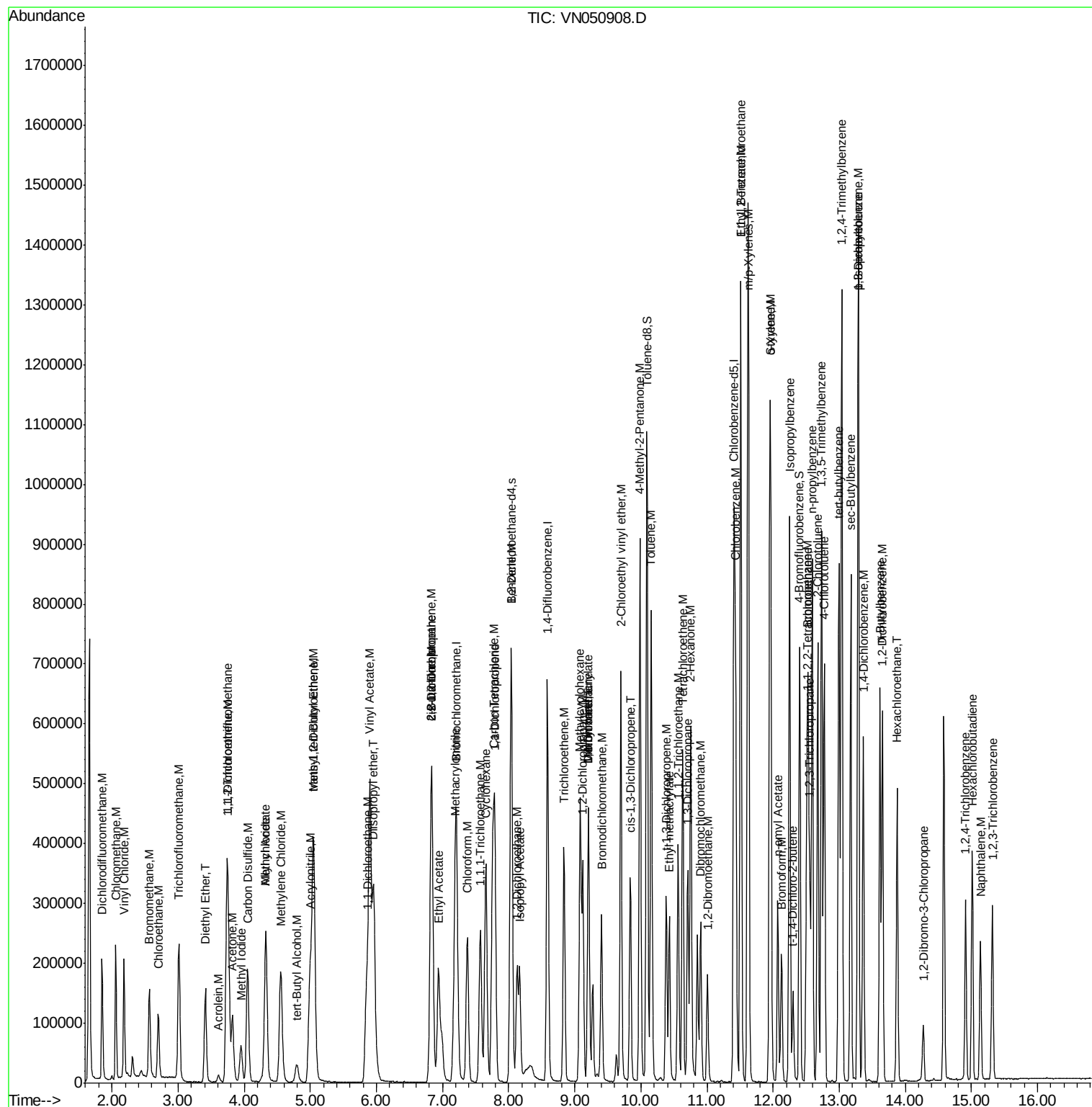
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
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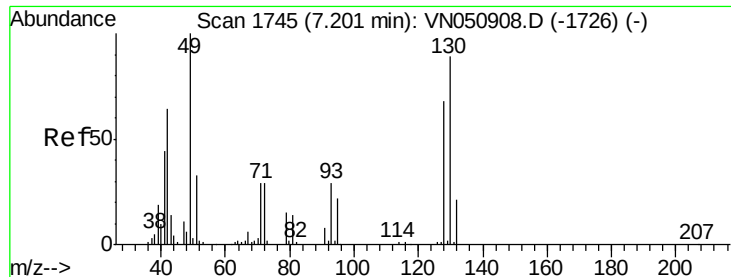
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDICCC020

Manual Integrations
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

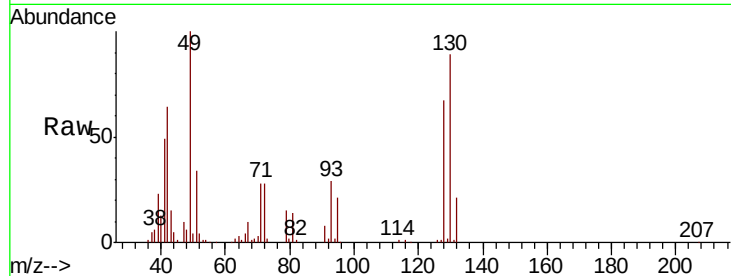
ClientSampled :

VSTDICCC020

Tot Ion:	128	Resp:	118870
Ion	Ratio	Lower	Upper
128	100		
49	152.1	0.0	380.3
130	130.1	0.0	325.3

Manual Integrations
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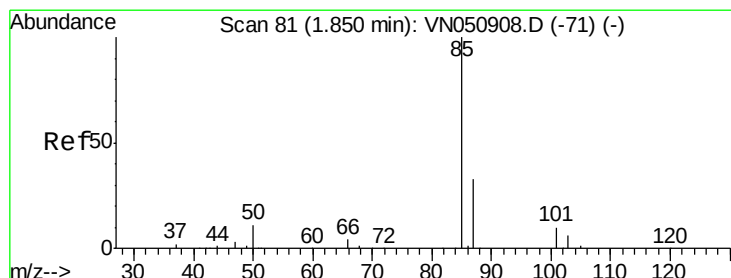
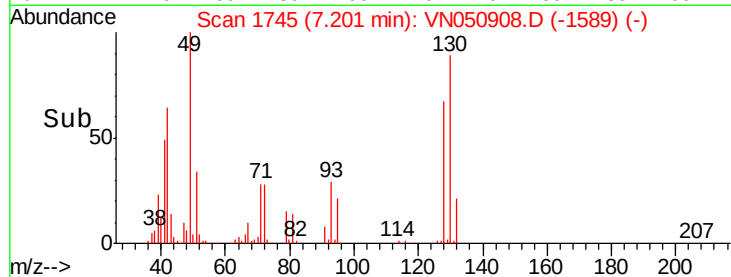
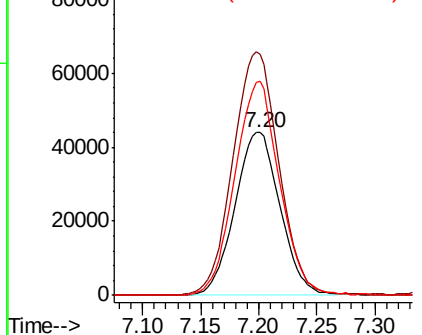
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.42 ug/l

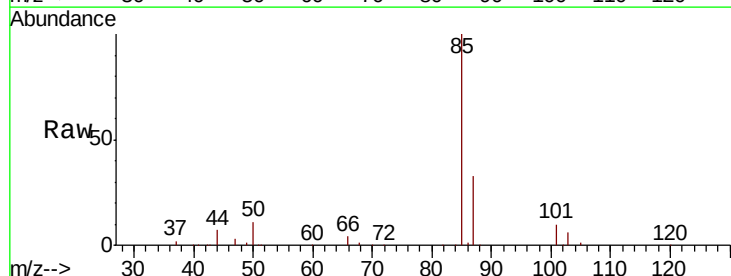
RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050908.D

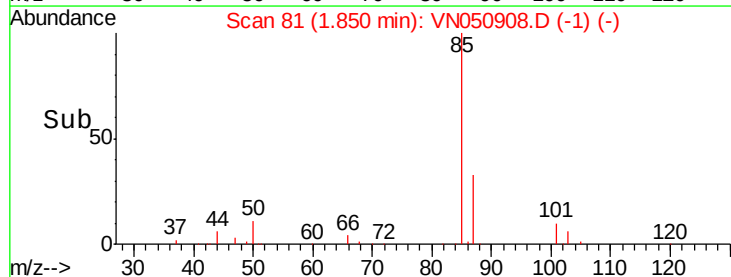
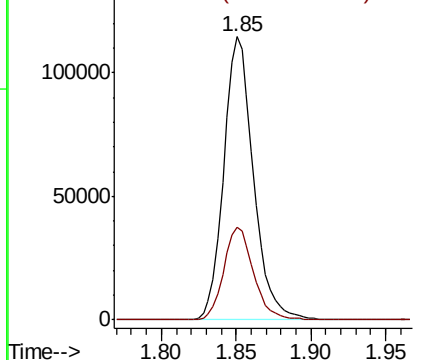
Acq: 28 Aug 2018 12:25

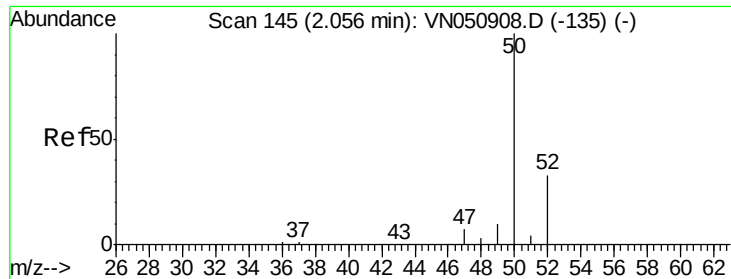
Tgt Ion:	85	Resp:	158094
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.1



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 21.03 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 50 Resp: 183321

Ion Ratio Lower Upper

50 100

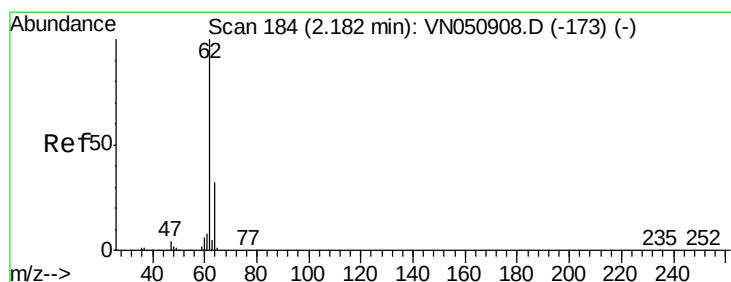
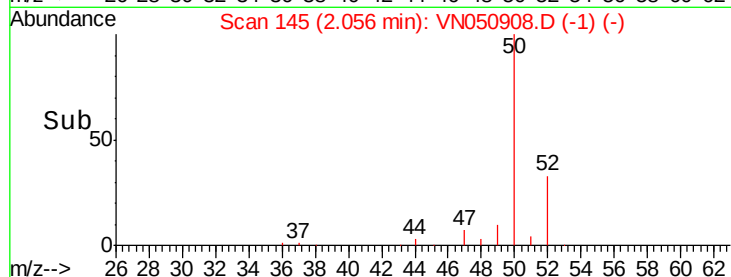
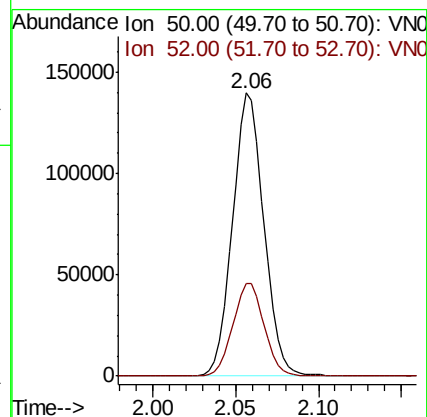
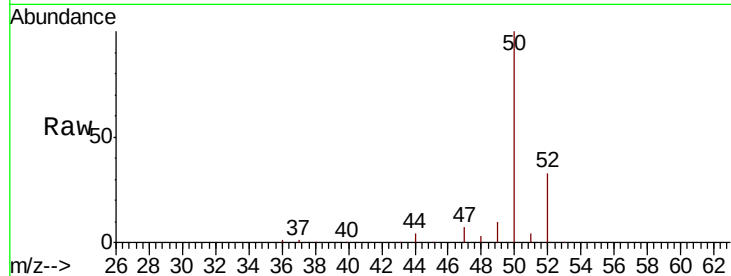
52 32.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.62 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050908.D

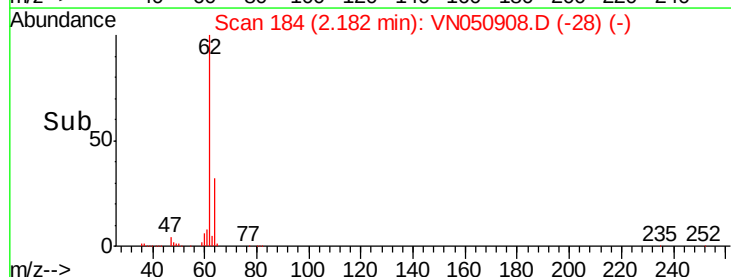
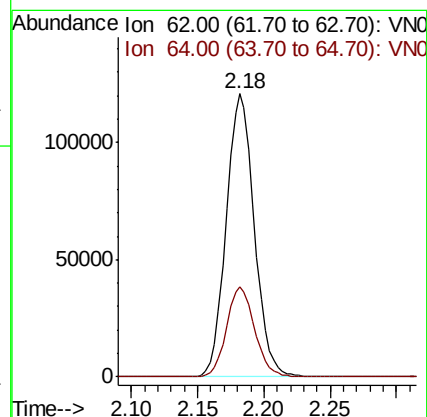
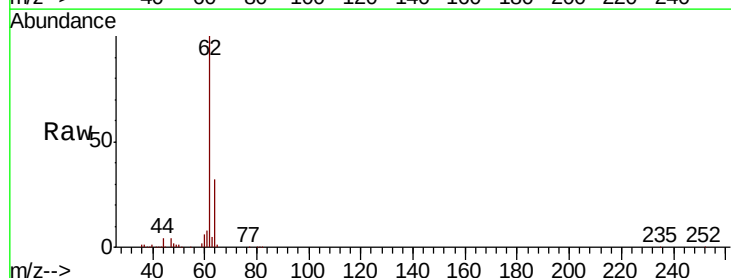
Acq: 28 Aug 2018 12:25

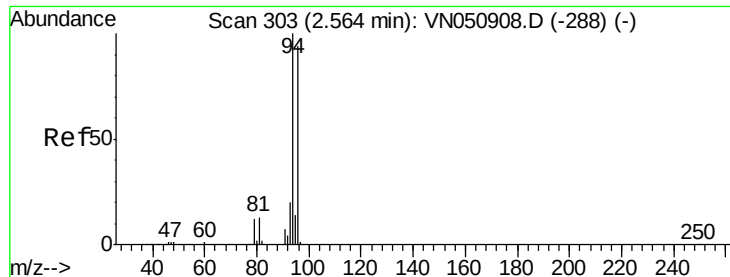
Tgt Ion: 62 Resp: 177619

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 19.22 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 100926

Ion Ratio Lower Upper

94 100

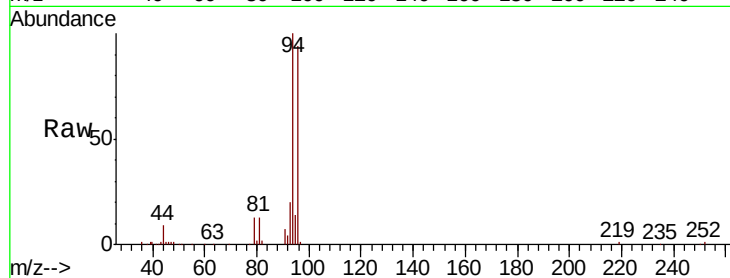
96 93.6 74.9 112.3

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.56

60000

50000

40000

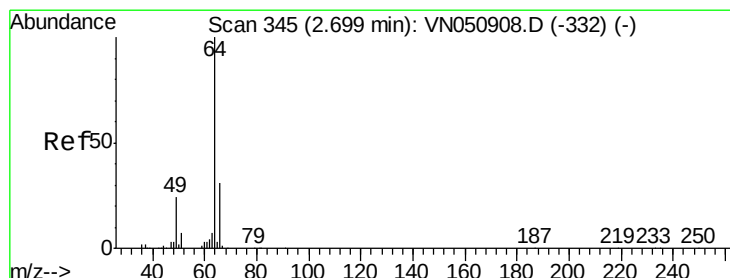
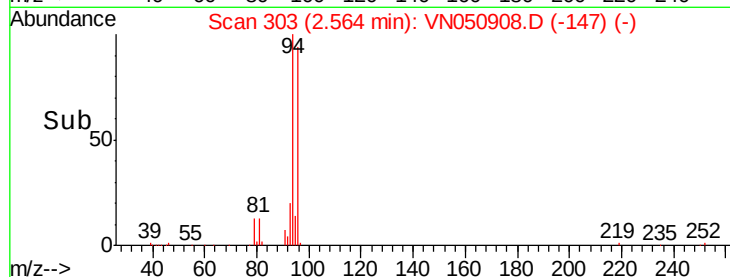
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 20.27 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050908.D

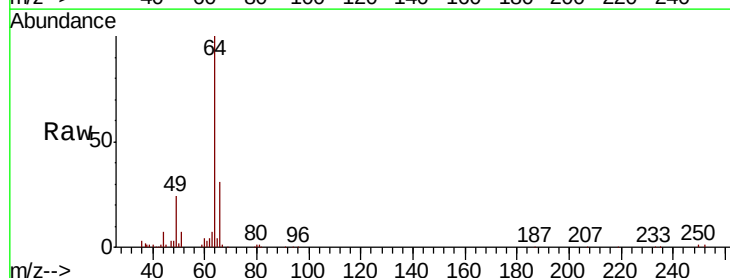
Acq: 28 Aug 2018 12:25

Tgt Ion: 64 Resp: 102967

Ion Ratio Lower Upper

64 100

66 30.6 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.70

60000

50000

40000

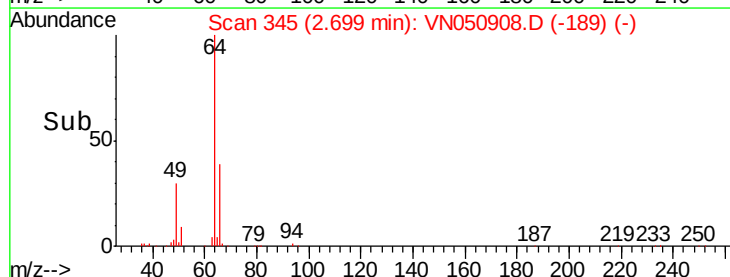
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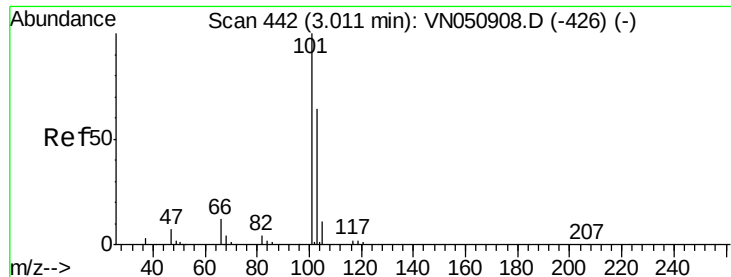
20000

10000

0

Time-->





#7

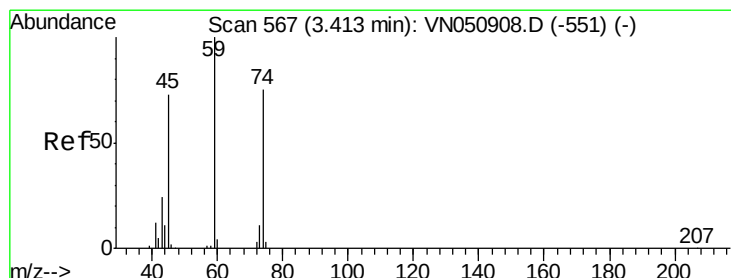
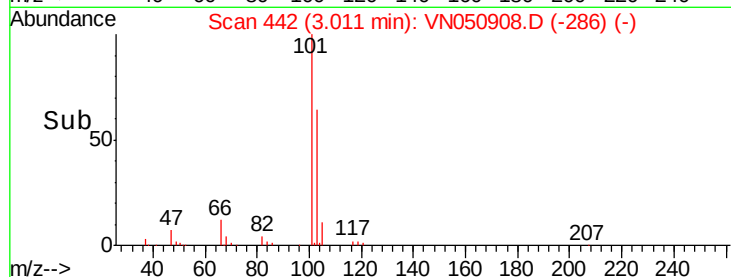
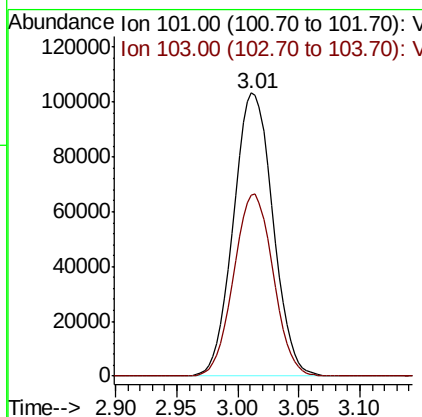
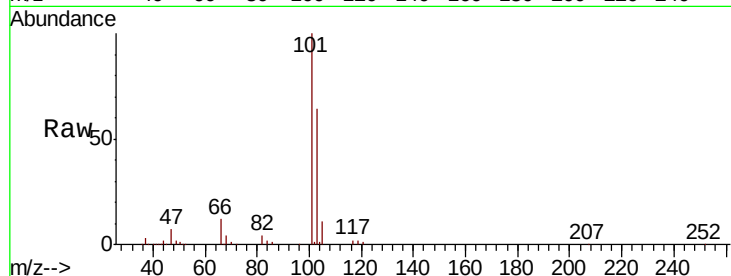
Trichlorofluoromethane
 Concen: 20.31 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		231959		
103	64.1	51.3	76.9		

Manual Integrations
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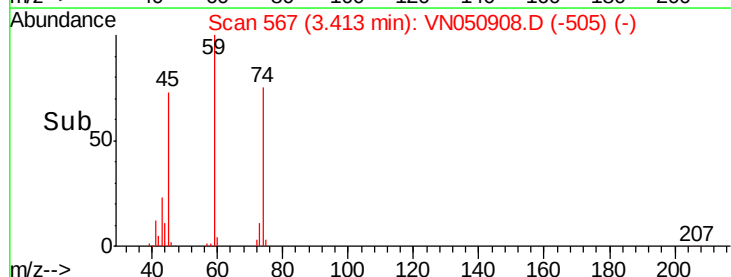
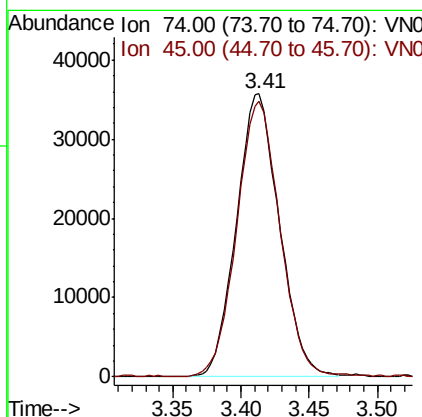
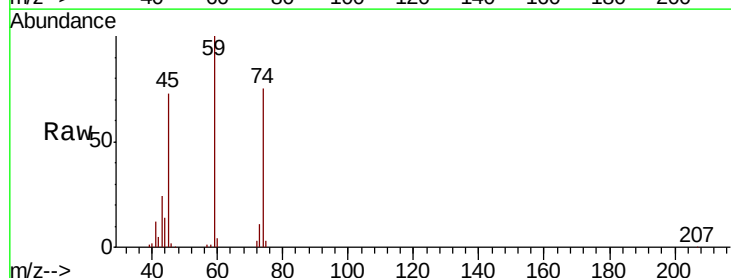
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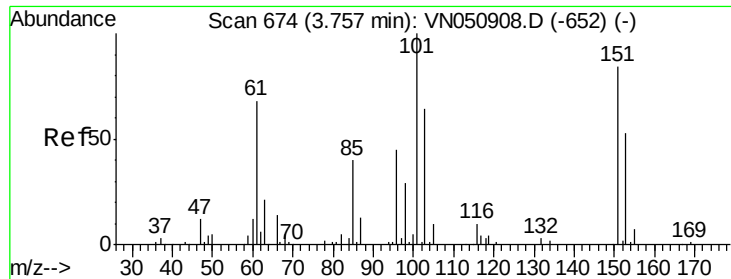


#8

Diethyl Ether
 Concen: 19.41 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		78140		
45	98.4	19.7	177.1		





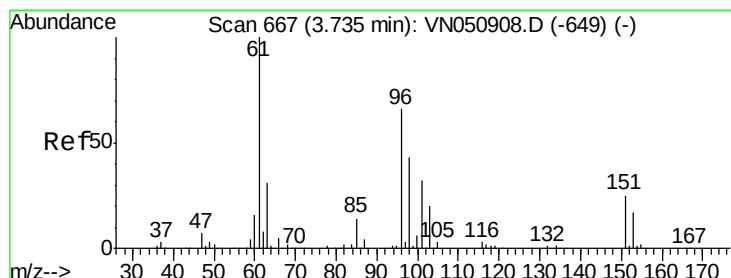
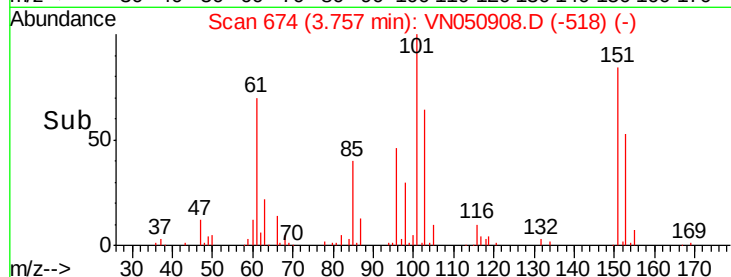
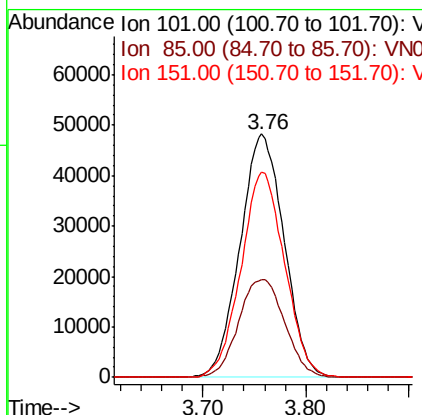
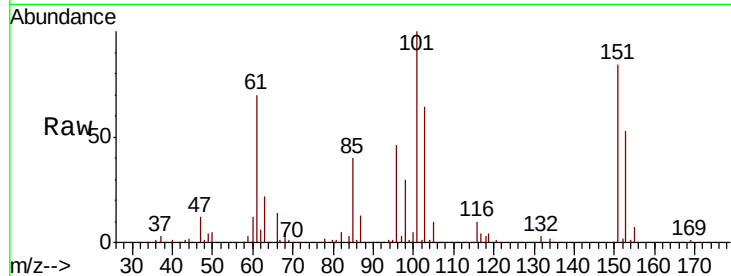
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.25 ug/l
 RT: 3.76 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	143165		
85	41.8	0.0	83.6	
151	83.5	0.0	167.0	

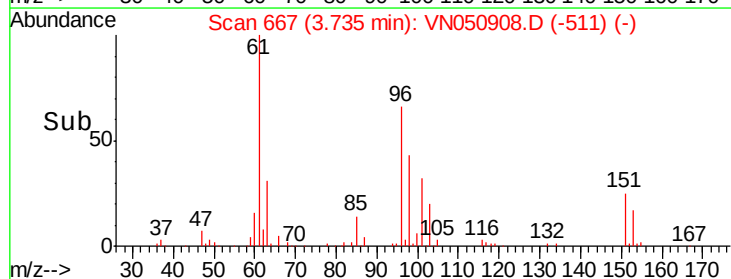
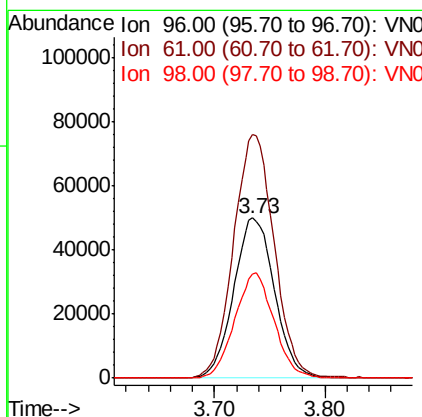
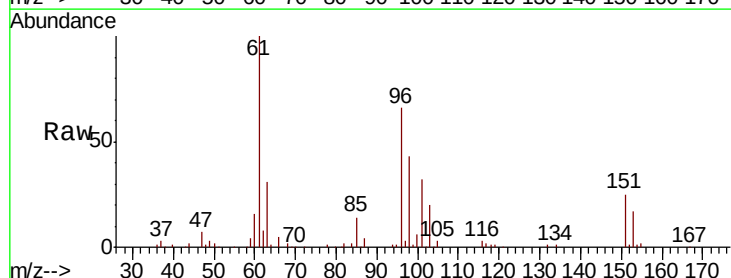
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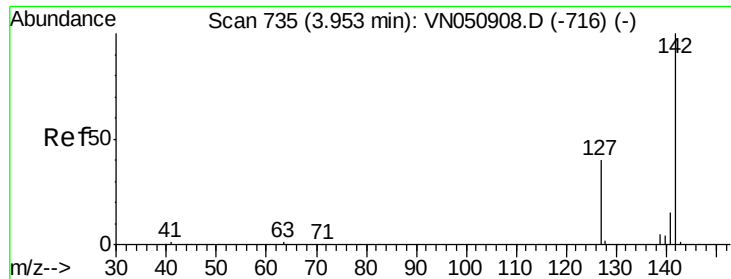
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#10
 1,1-Dichloroethene
 Concen: 19.97 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	128292		
61	152.3	121.8	182.8	
98	65.4	52.3	78.5	





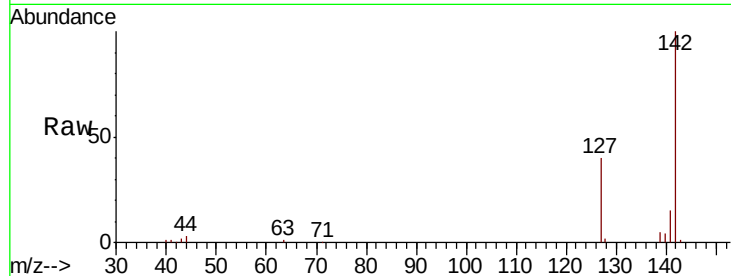
#11
Methyl Iodide
Concen: 16.93 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.7	59.1
141	14.7	7.3	22.0

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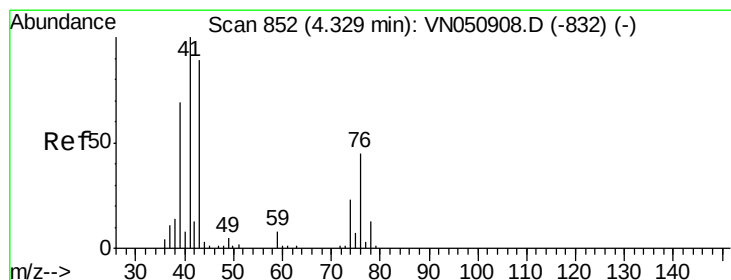
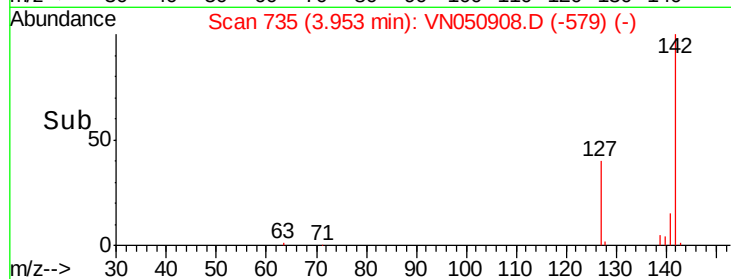
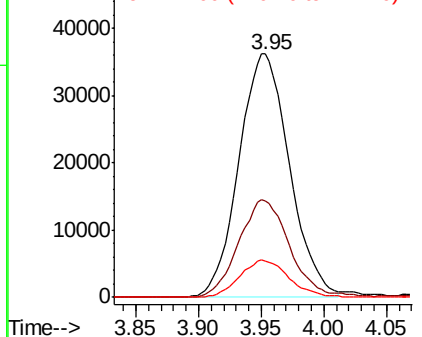


Abundance

Ion 142.00 (141.70 to 142.70): V

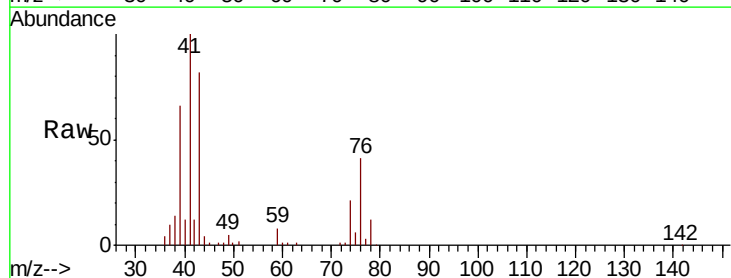
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12
Methyl Acetate
Concen: 19.85 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

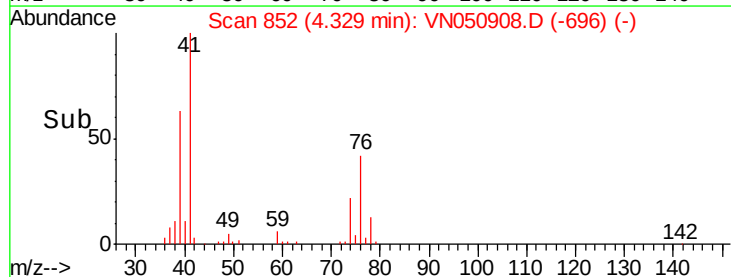
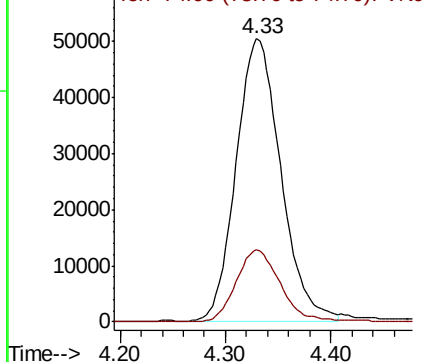
Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.6	31.0

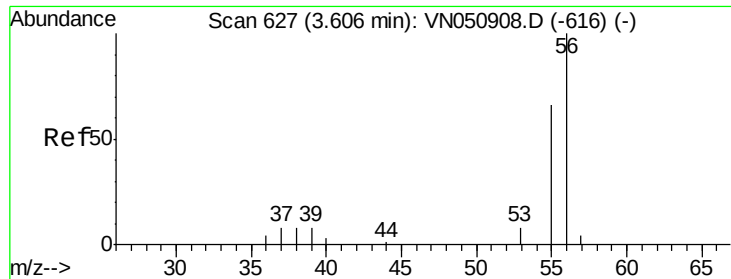


Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 82.10 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 13502

Ion Ratio Lower Upper

56 100

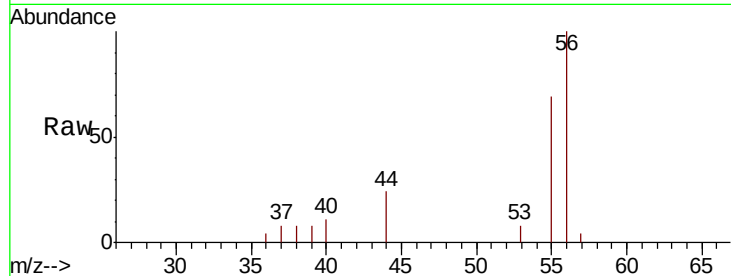
55 73.9 59.1 88.7

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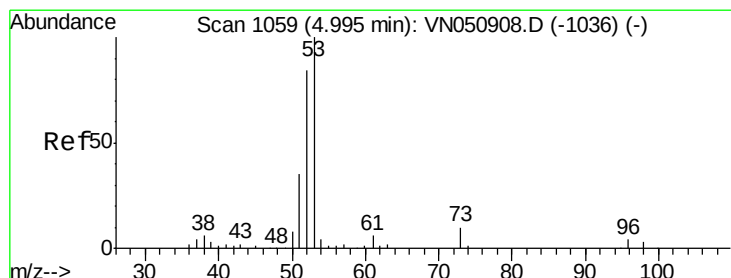
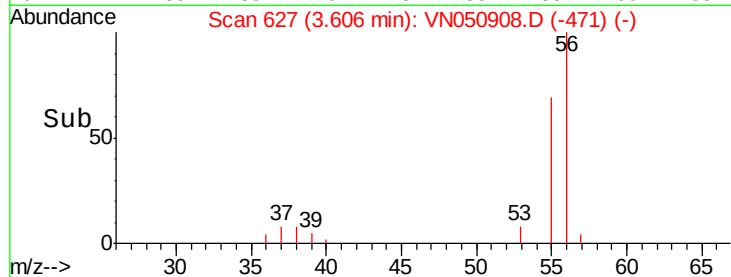
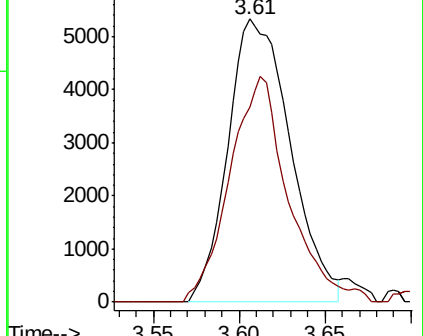
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 97.03 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

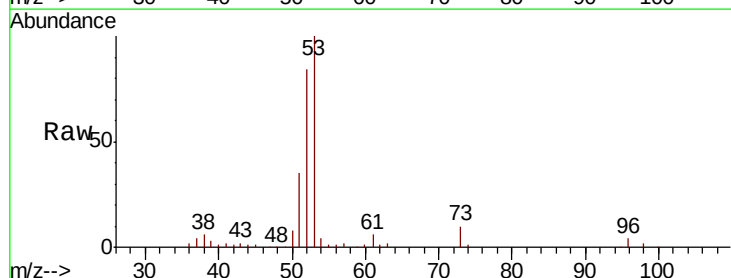
Tgt Ion: 53 Resp: 243652

Ion Ratio Lower Upper

53 100

52 84.4 42.2 126.6

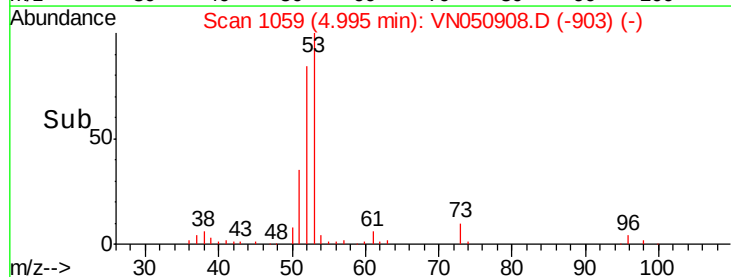
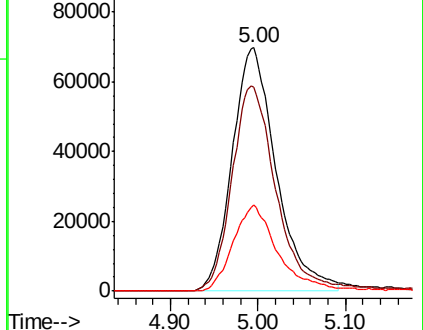
51 35.4 17.7 53.1

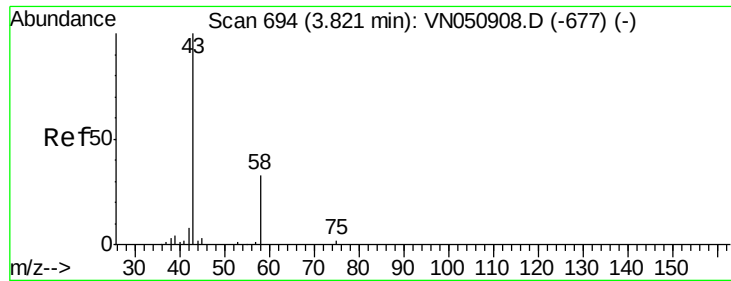


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 93.42 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 58 Resp: 60028

Ion Ratio Lower Upper

58 100

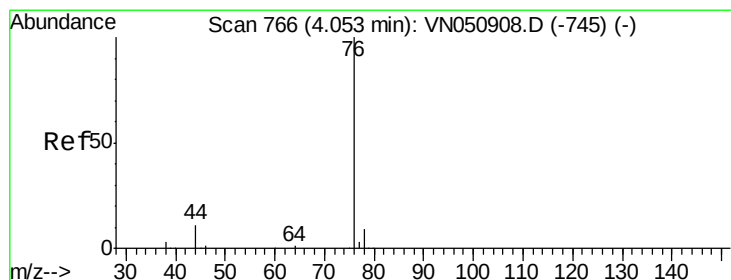
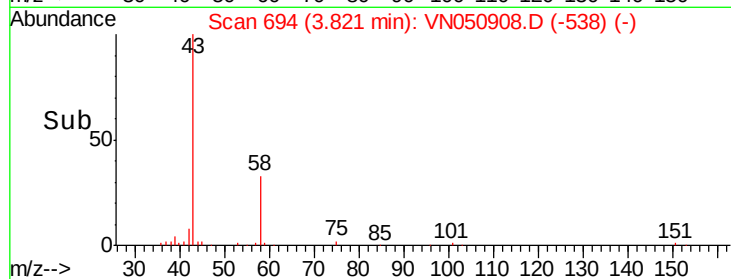
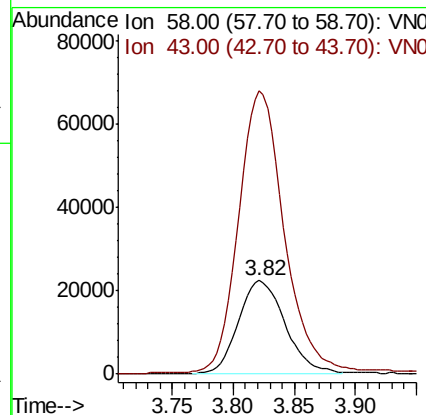
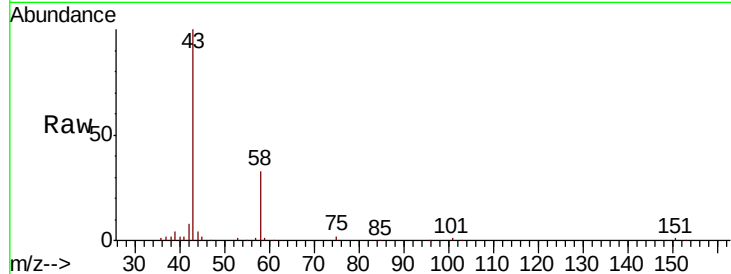
43 299.2 239.4 359.0

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#16

Carbon Disulfide

Concen: 19.84 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050908.D

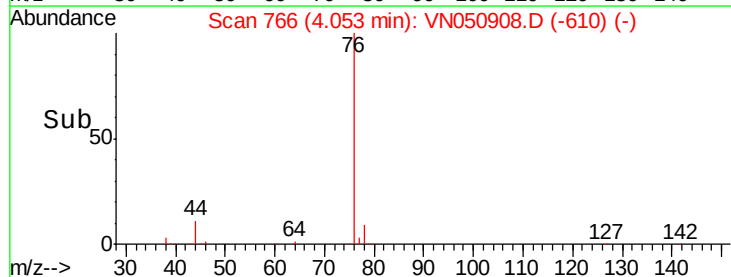
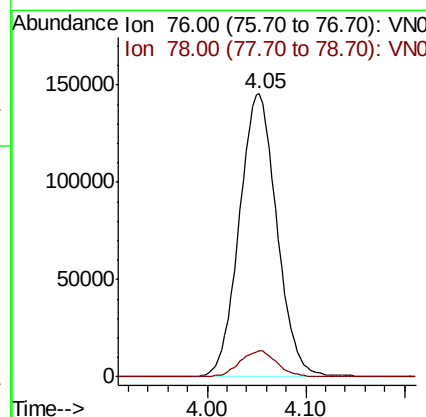
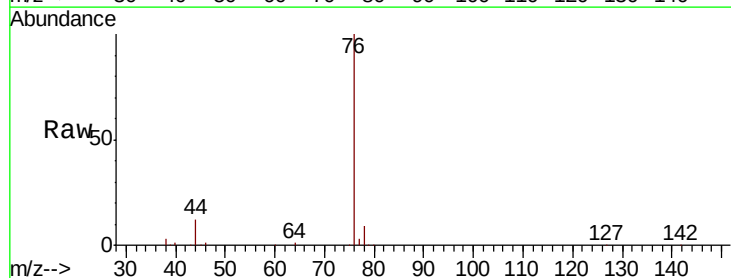
Acq: 28 Aug 2018 12:25

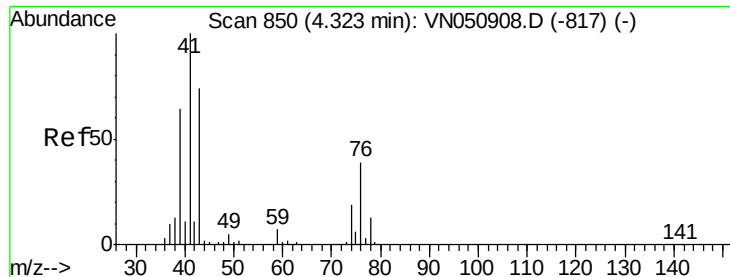
Tgt Ion: 76 Resp: 383105

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#17

Allvl chloride

Concen: 19.21 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

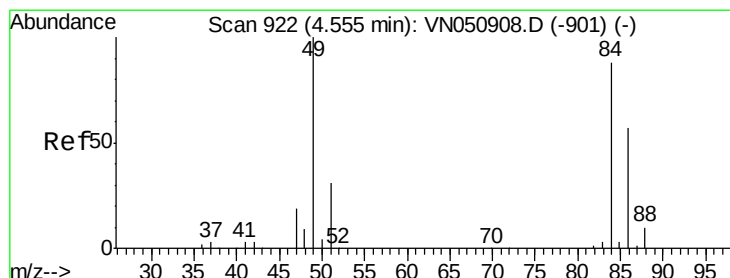
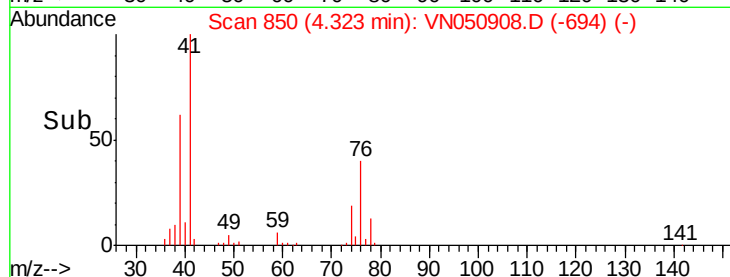
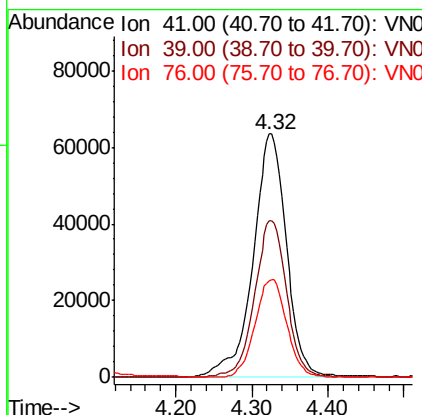
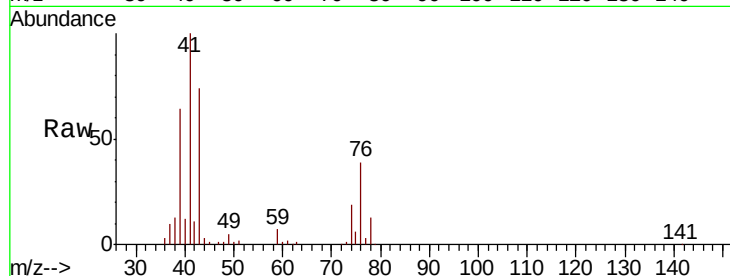
ClientSampleId :

VSTDICCC020

Tot Ion:	41	Resp:	194113
Ion	Ratio	Lower	Upper
41	100		
39	64.4	32.2	96.6
76	39.1	19.6	58.7

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#18

Methylene Chloride

Concen: 20.25 ug/l

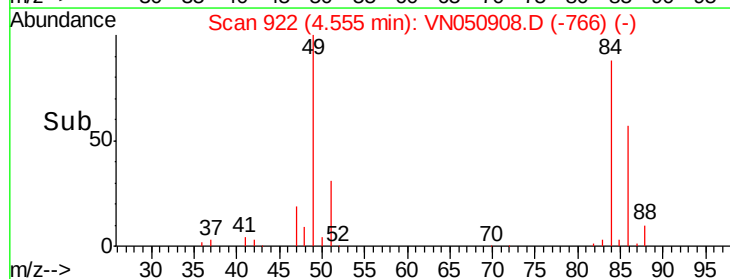
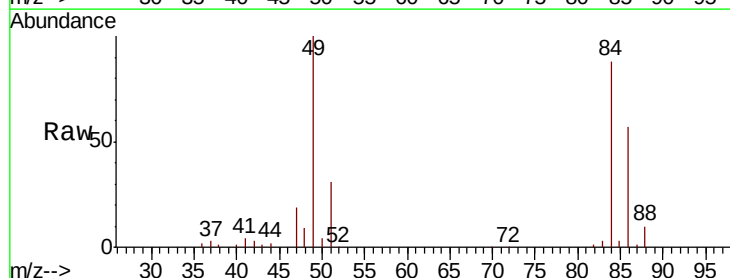
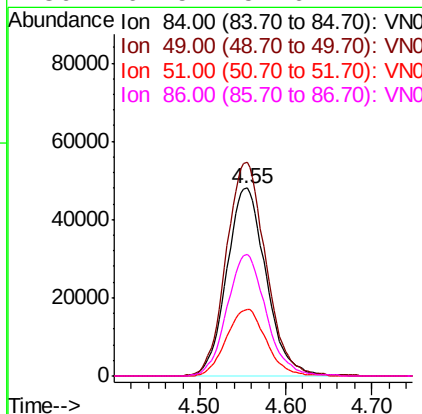
RT: 4.55 min Scan# 922

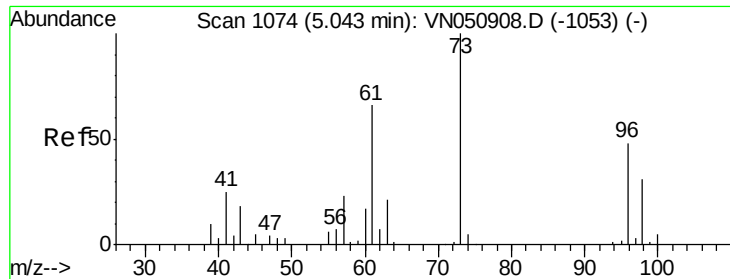
Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Tgt Ion:	84	Resp:	152673
Ion	Ratio	Lower	Upper
84	100		
49	113.2	90.6	135.8
51	35.5	28.4	42.6
86	64.5	51.6	77.4





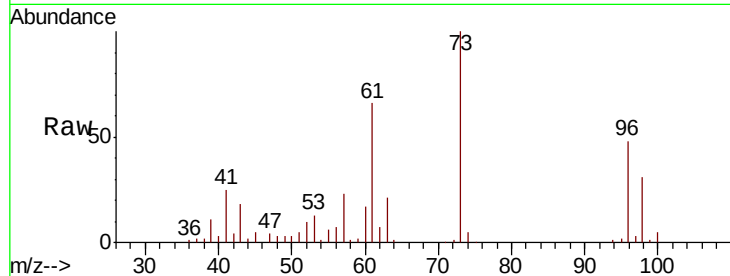
#19
trans-1,2-Dichloroethene
Concen: 19.83 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	109.5	164.3
98	64.9	51.9	77.9

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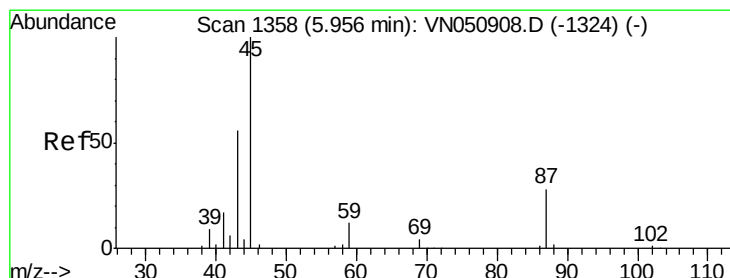
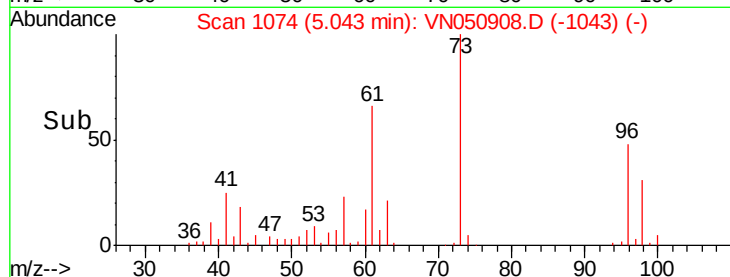
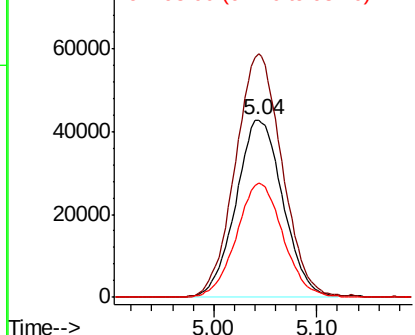


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20
Diisopropyl ether
Concen: 20.44 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.8	47.0	70.6
87	28.5	22.8	34.2
59	11.9	9.5	14.3

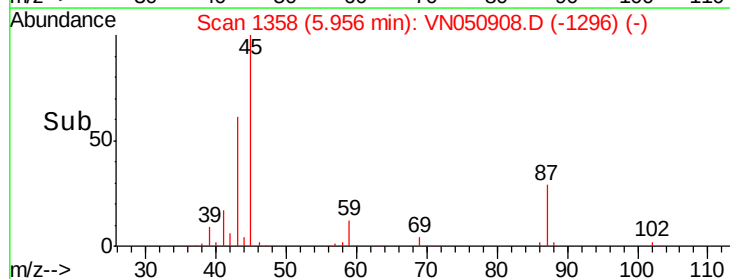
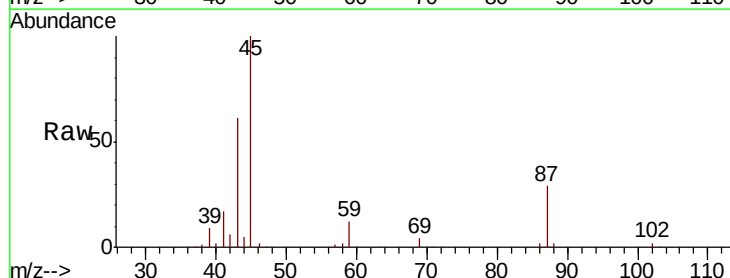
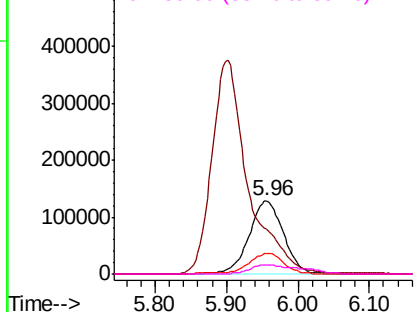
Abundance

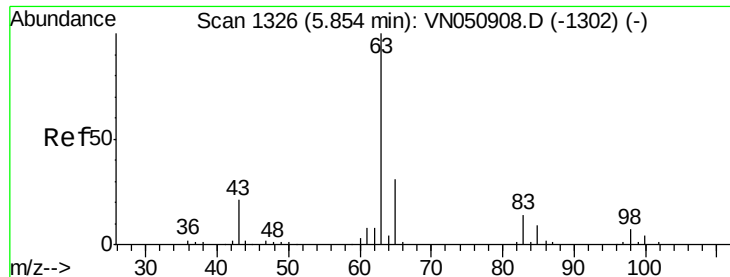
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





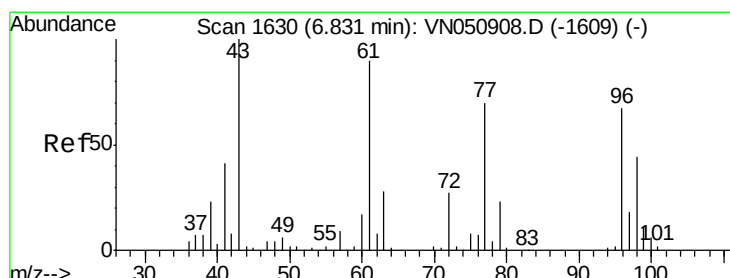
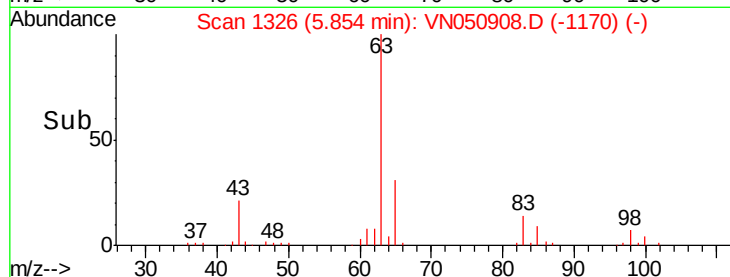
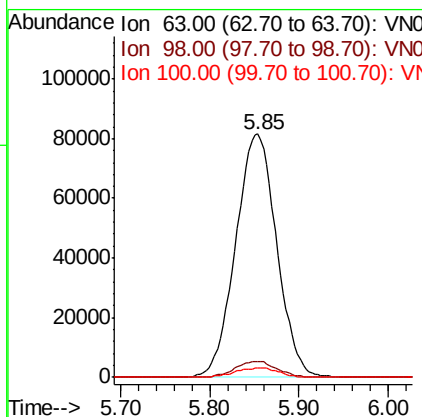
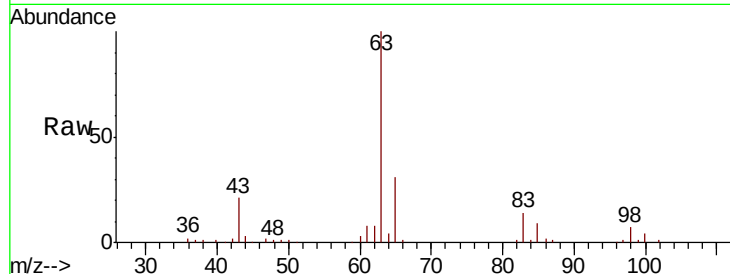
#21
 1,1-Dichloroethane
 Concen: 20.22 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion:	63	Resp:	260077
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.3	9.9
100	4.0	2.0	6.0

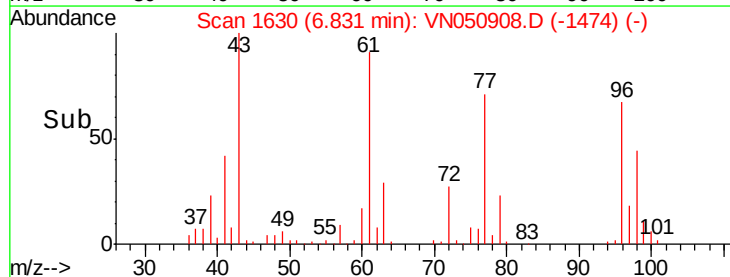
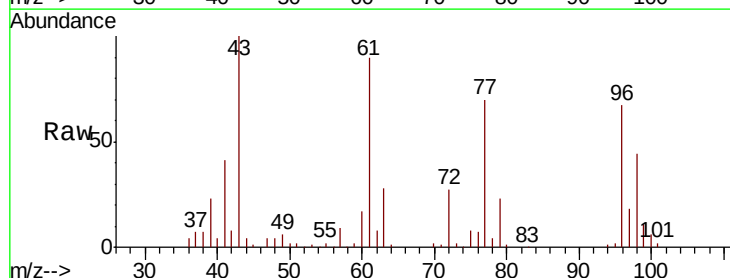
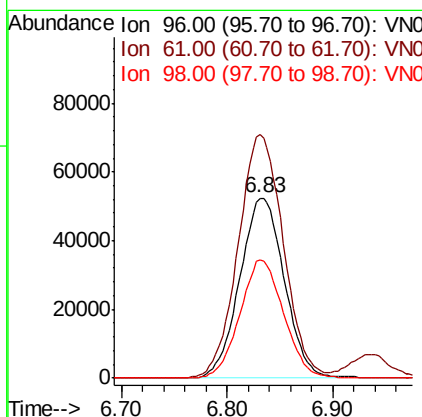
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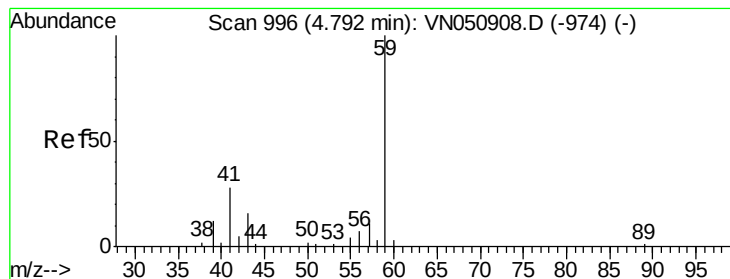
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#22
 cis-1,2-Dichloroethene
 Concen: 19.88 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion:	96	Resp:	153666
Ion Ratio	Lower	Upper	
96	100		
61	137.5	110.0	165.0
98	64.6	51.7	77.5





#23

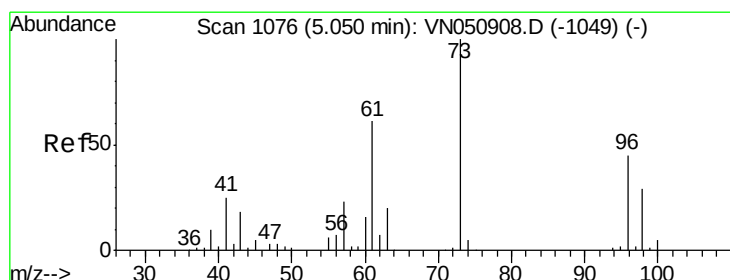
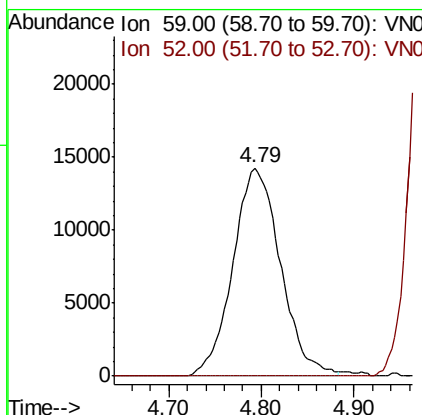
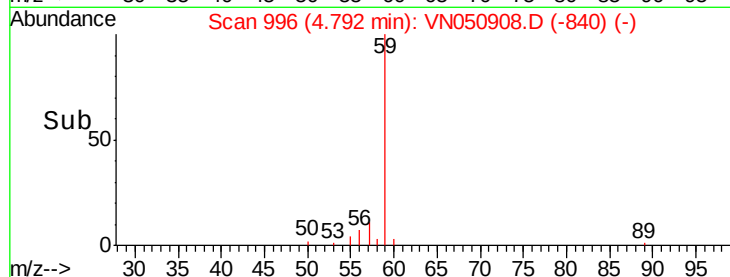
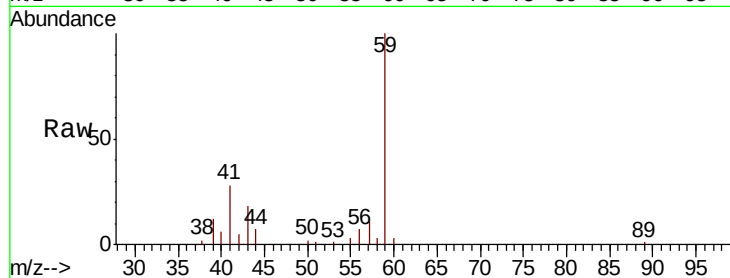
tert-Butyl Alcohol
 Concen: 95.49 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1#

Manual Integrations
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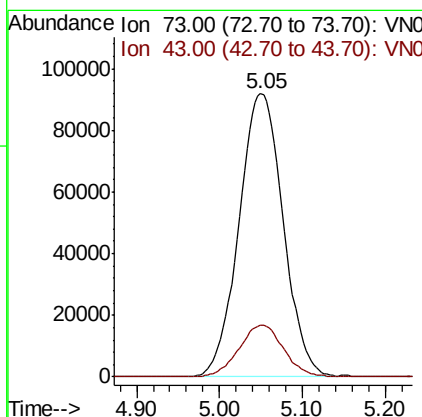
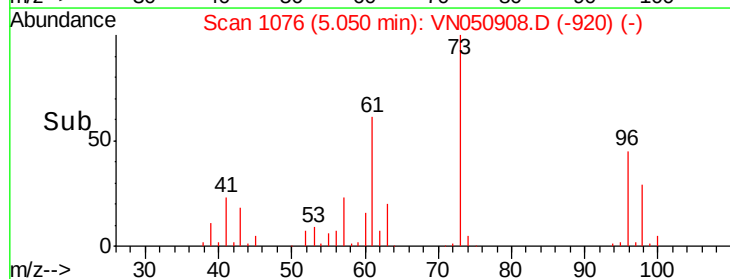
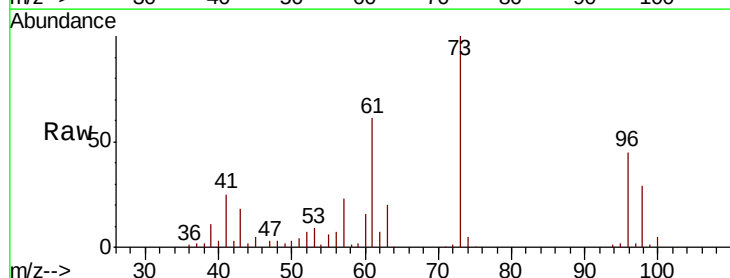
MMDadoda
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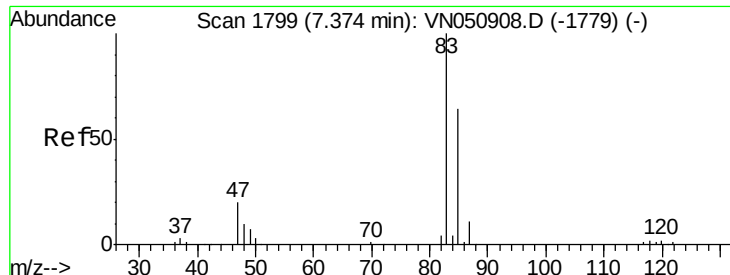


#24

Methyl tert-Butyl Ether
 Concen: 19.38 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.0	14.4	21.6





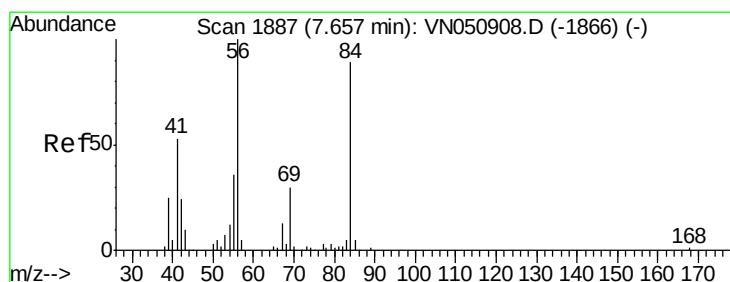
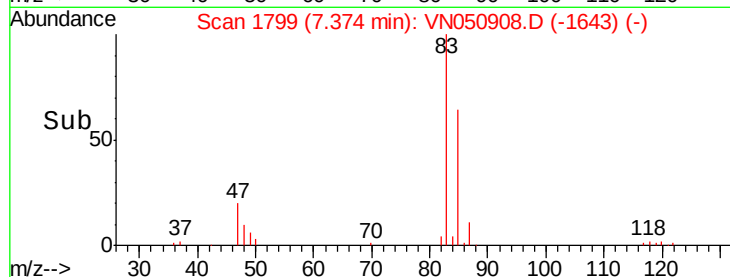
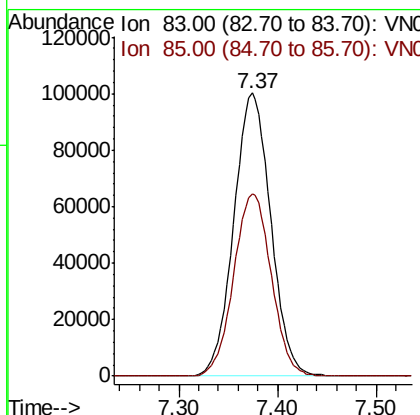
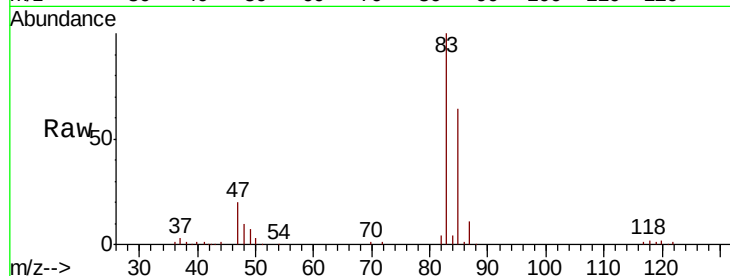
#25
Chloroform
Concen: 20.29 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	83	Resp	260419
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	51.4	77.0

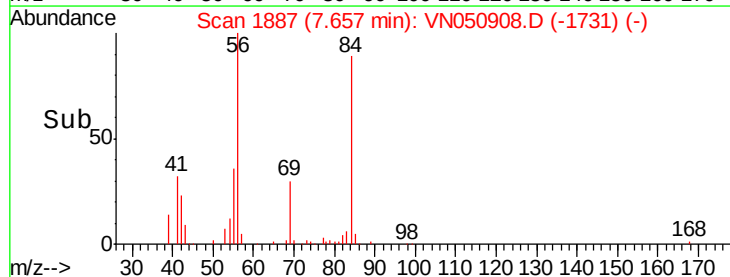
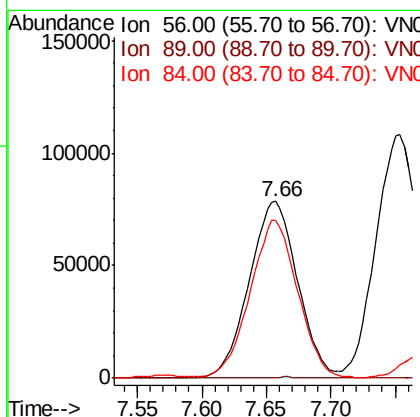
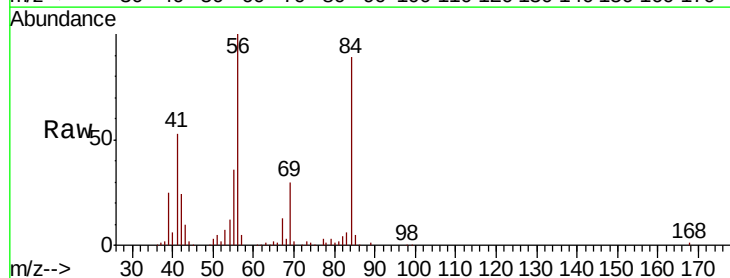
Manual Integrations
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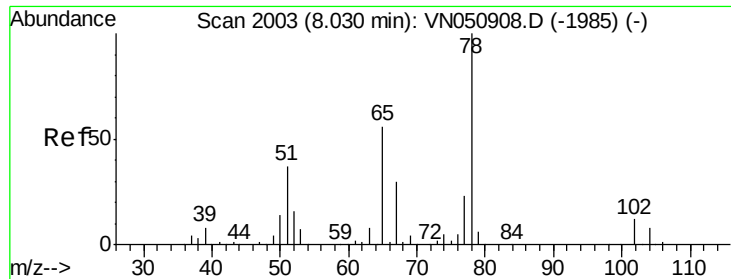
MMDadoda
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#26
Cyclohexane
Concen: 19.30 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	56	Resp	205631
Ion Ratio	100	Lower	Upper
56	100		
89	0.5	0.4	0.6
84	88.0	70.4	105.6





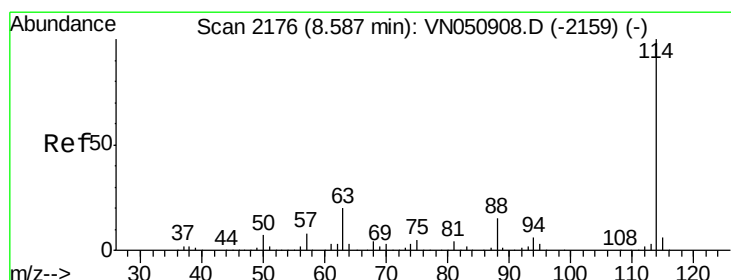
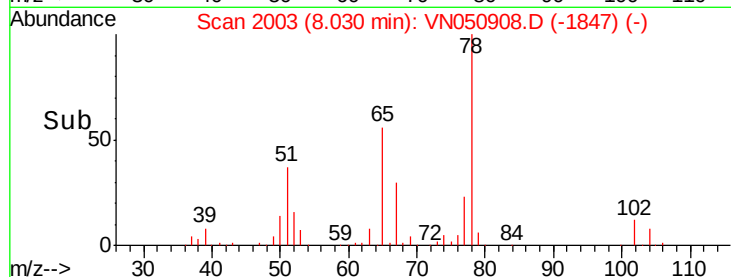
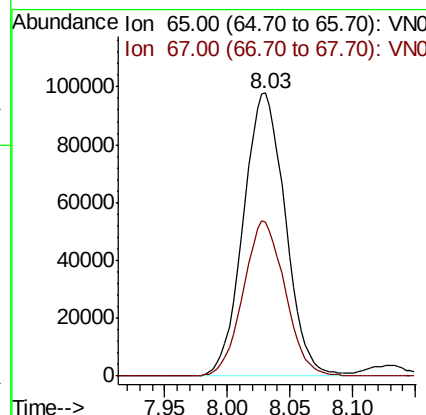
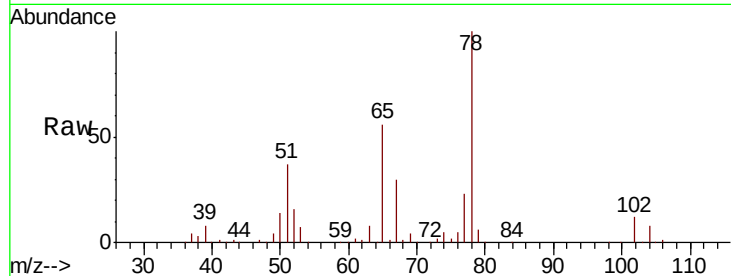
#27
 1,2-Dichloroethane-d4
 Concen: 30.04 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	43.7	65.5

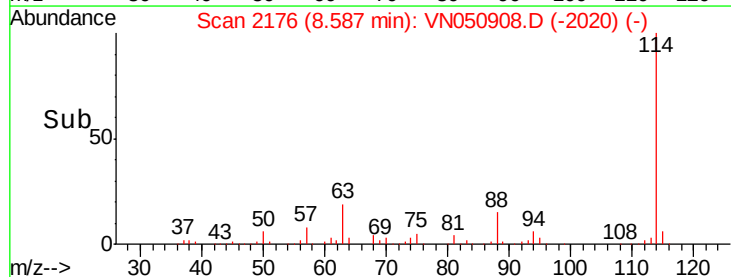
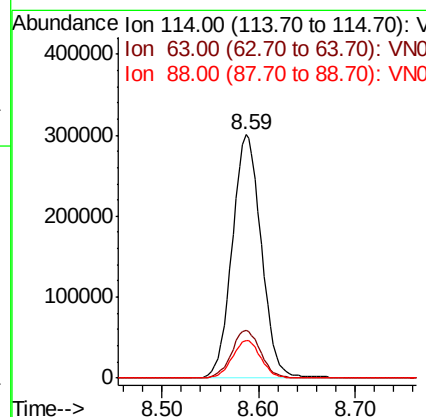
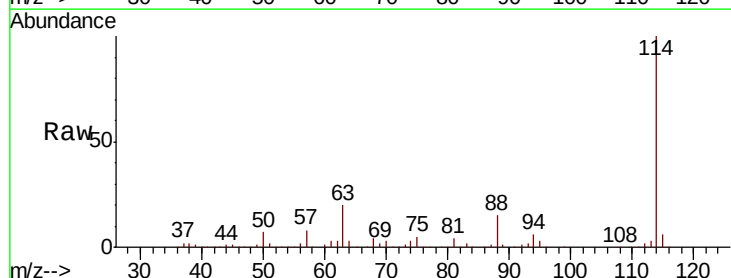
Manual Integrations
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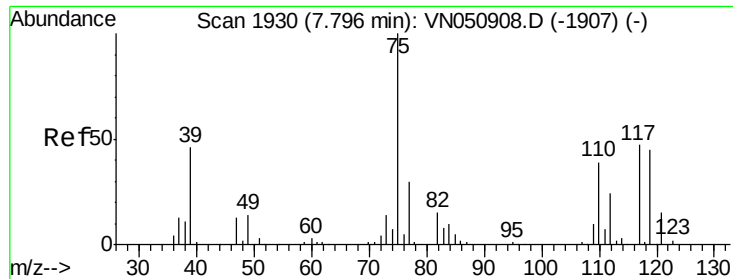
MMDadoda
 8/29/2018 11:09:51 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.6	23.4
88	15.3	12.2	18.4





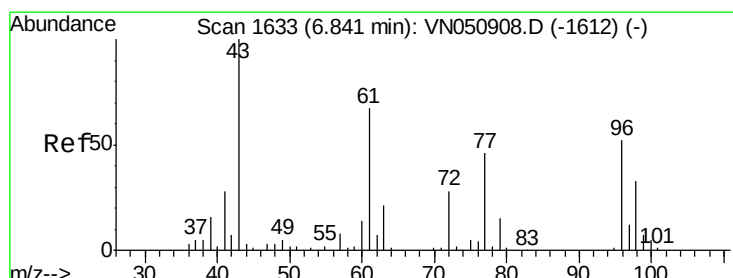
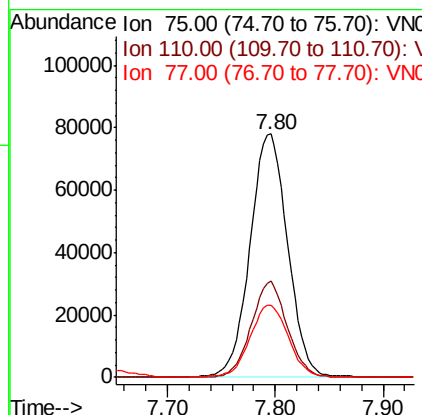
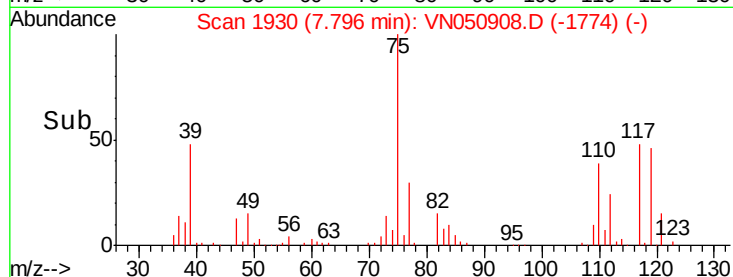
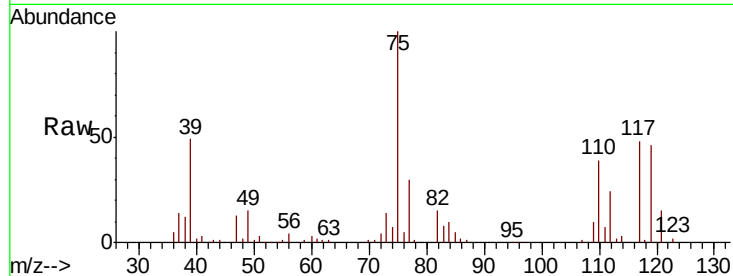
#29
 1,1-Dichloropropene
 Concen: 20.10 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	75.0
77	30.3	0.0	60.6

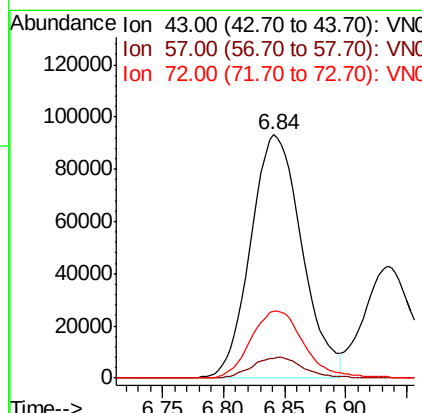
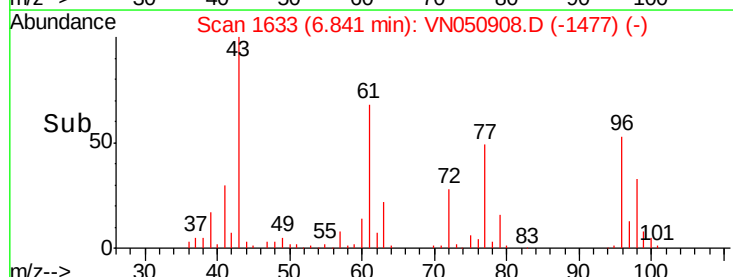
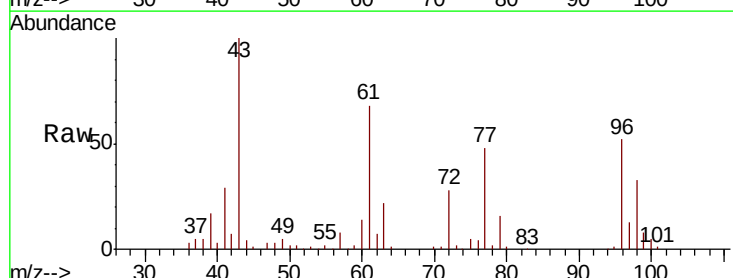
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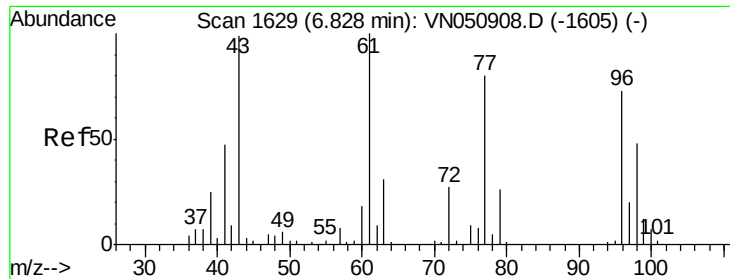
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 8/29/2018 11:09:51 AM



#30
 2-Butanone
 Concen: 93.61 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.9	10.3
72	28.5	22.8	34.2





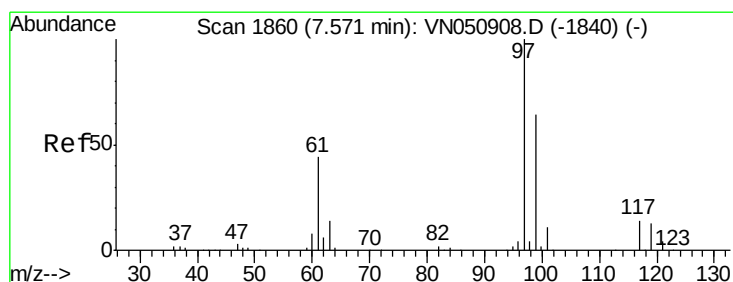
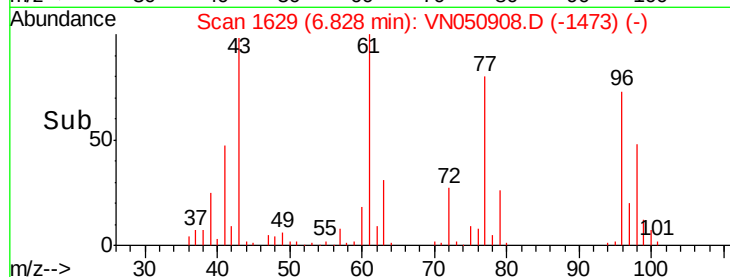
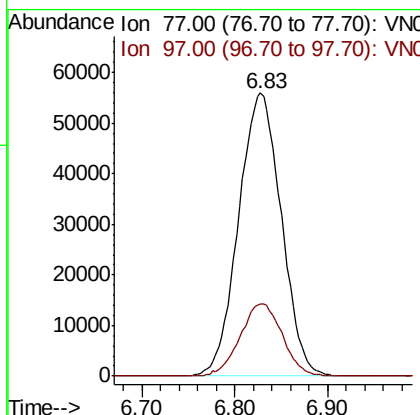
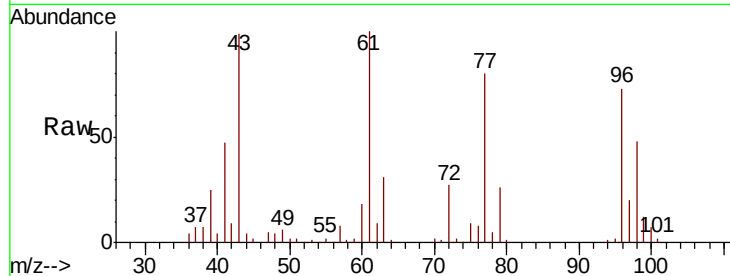
#31
 2,2-Dichloropropane
 Concen: 19.52 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	25.2	20.2	30.2

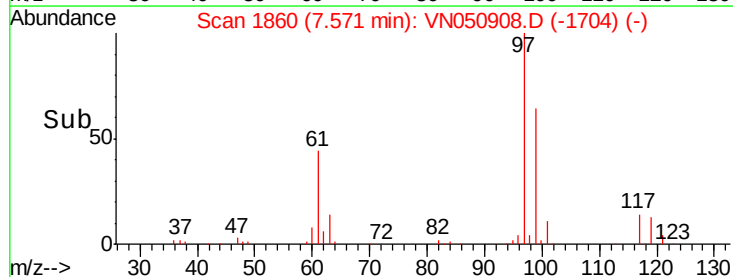
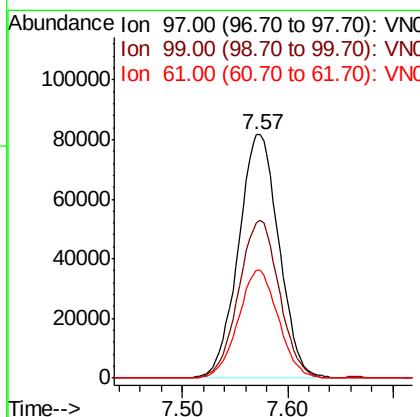
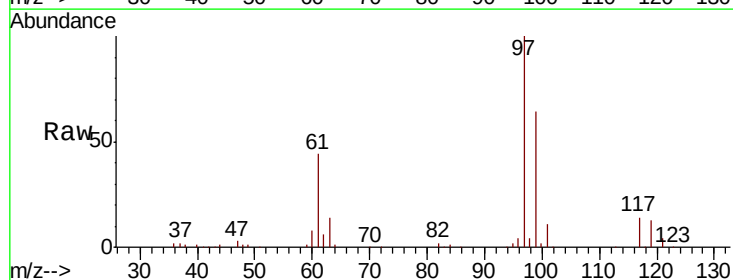
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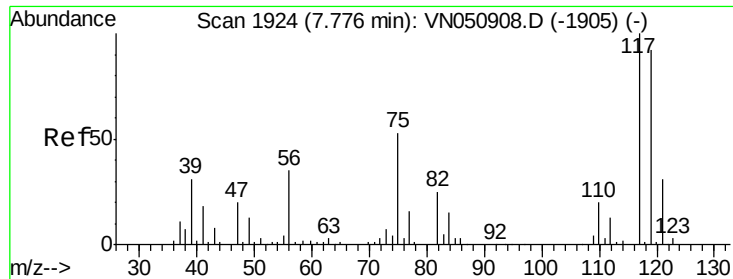
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#32
 1,1,1-Trichloroethane
 Concen: 20.42 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	43.8	35.0	52.6





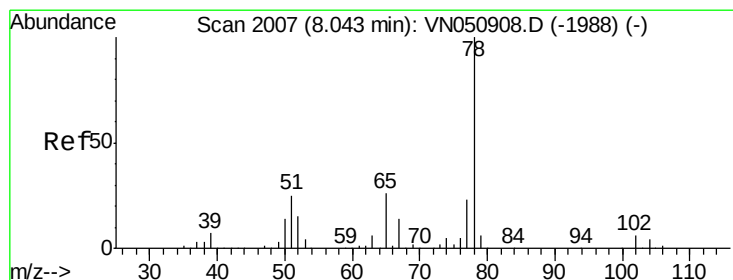
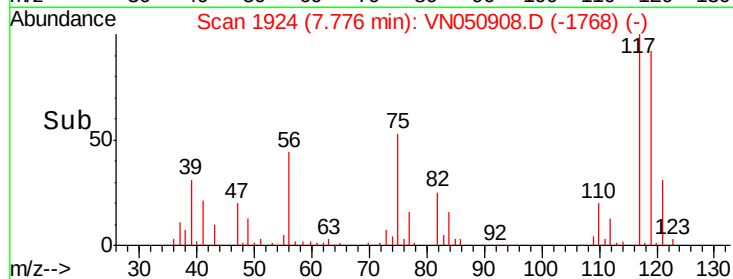
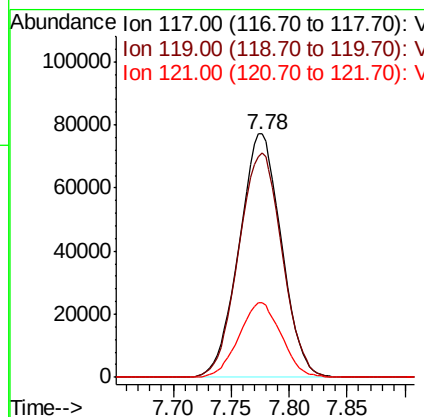
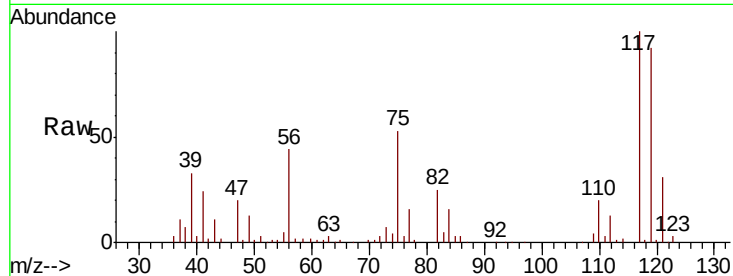
#33
Carbon Tetrachloride
Concen: 20.36 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	195668		
119	91.9	73.5	110.3	
121	30.8	24.6	37.0	

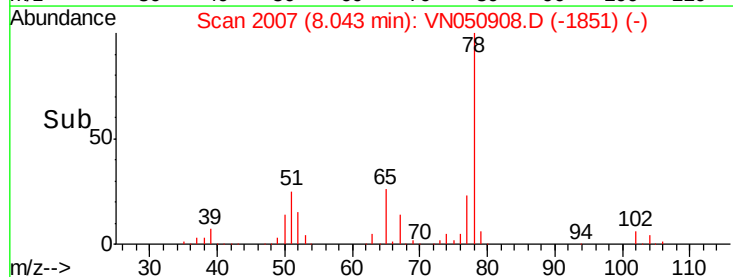
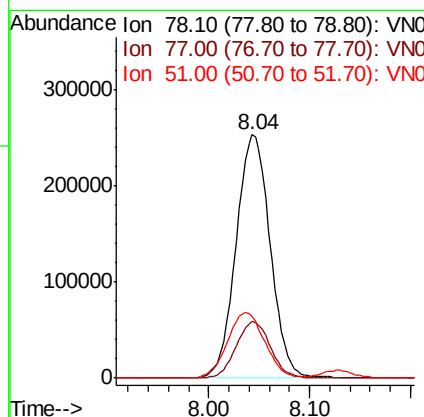
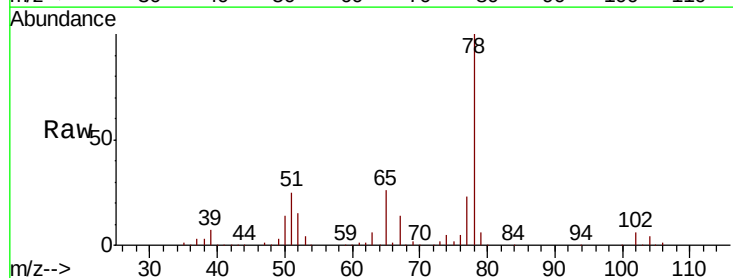
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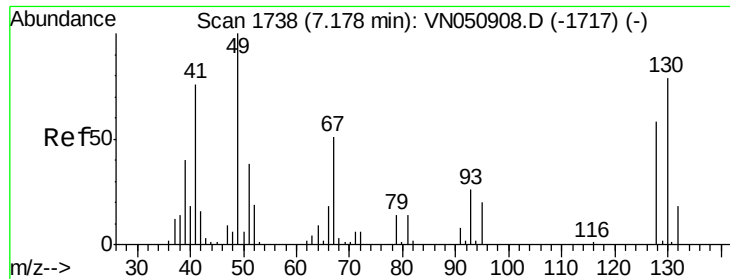
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#34
Benzene
Concen: 20.38 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	593543		
77	23.3	18.6	28.0	
51	25.0	20.0	30.0	





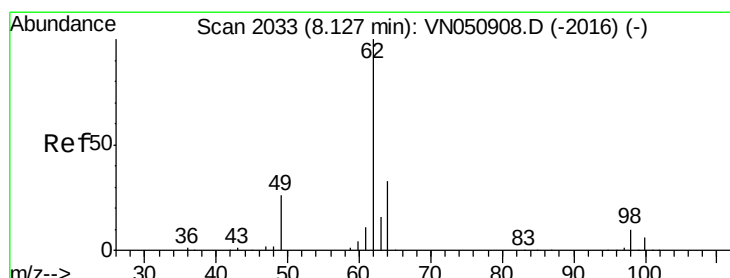
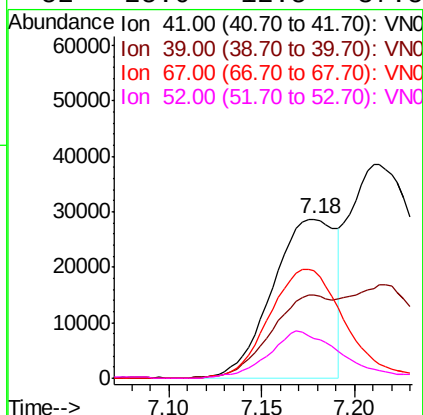
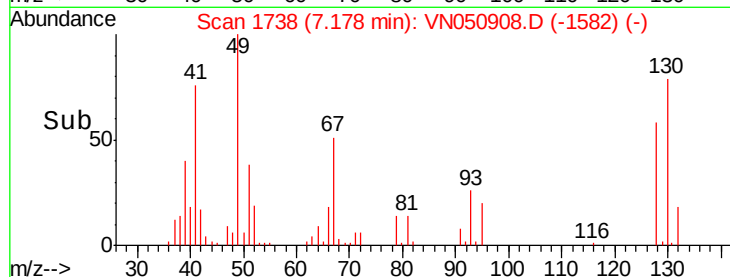
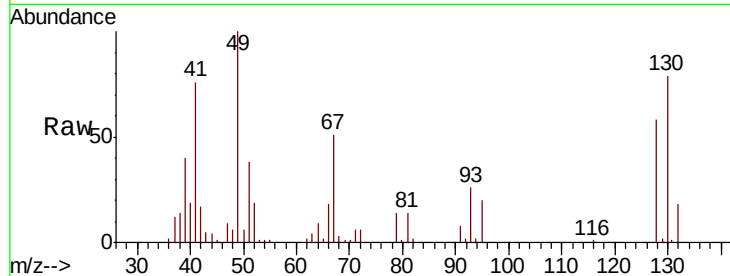
#35
Methacrylonitrile
Concen: 21.58 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	26.2	78.5	
67	67.7	33.9	101.6	
52	25.0	12.5	37.5	

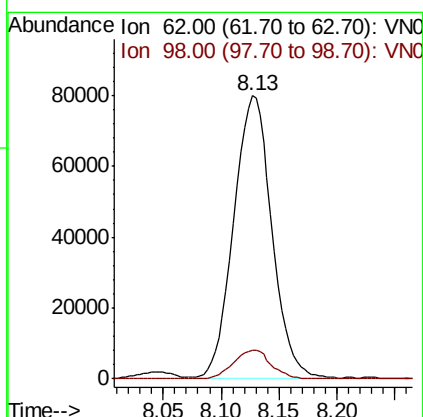
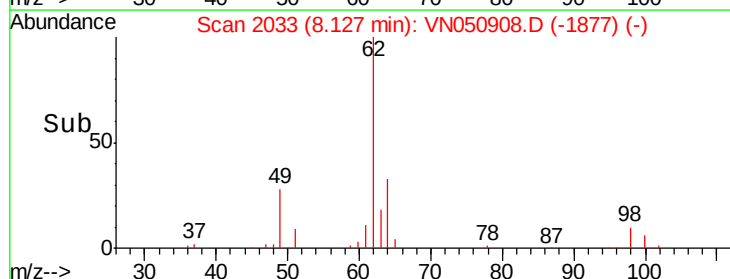
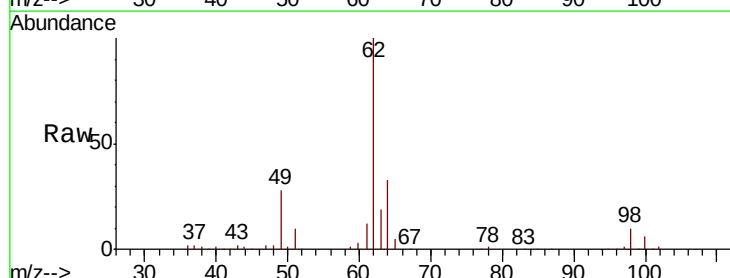
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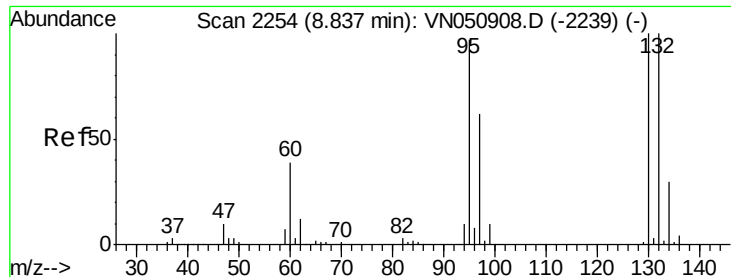
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#36
1,2-Dichloroethane
Concen: 20.63 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	8.0	12.0	





#37

Trichloroethene

Concen: 19.92 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 151625

Ion Ratio Lower Upper

130 100

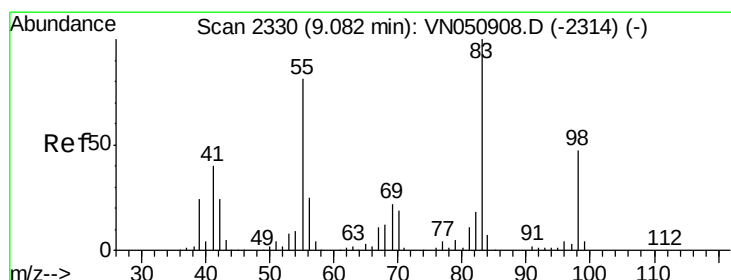
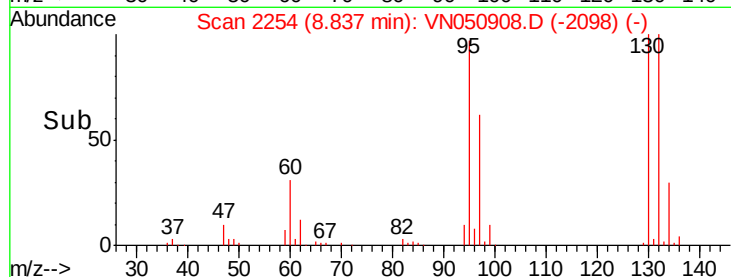
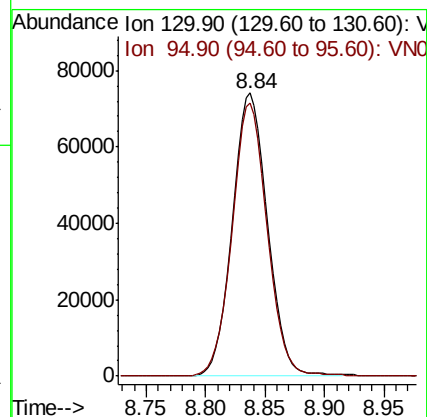
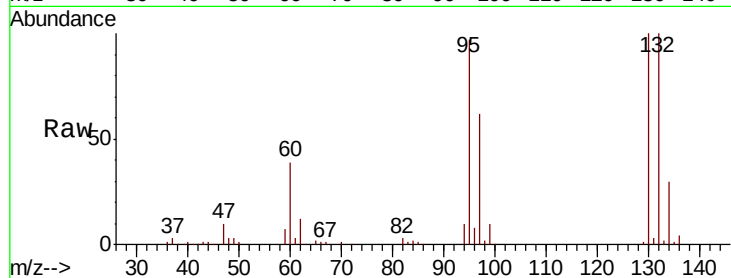
95 96.7 77.4 116.0

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#38

Methylcyclohexane

Concen: 19.02 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

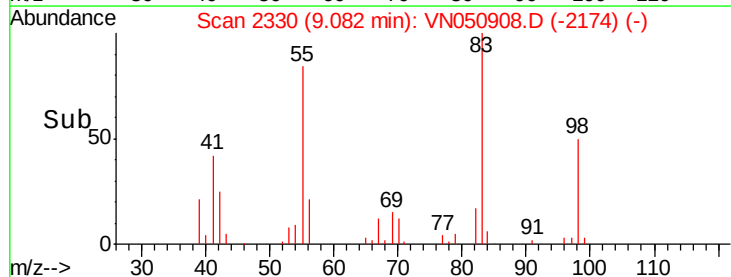
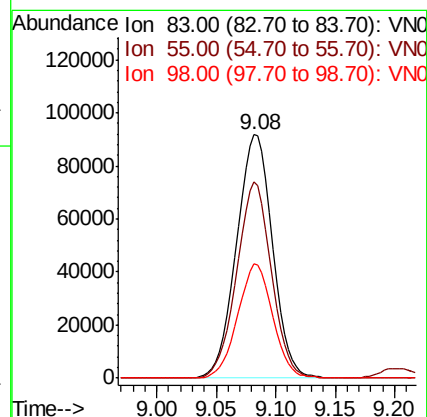
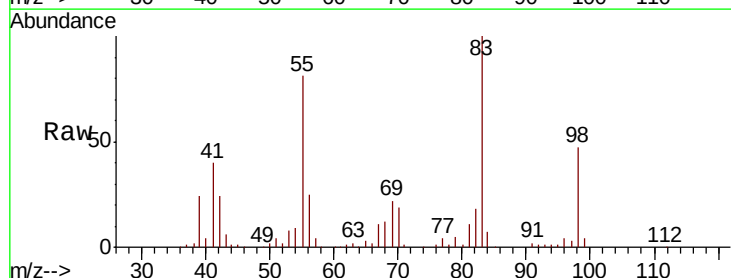
Tgt Ion: 83 Resp: 192322

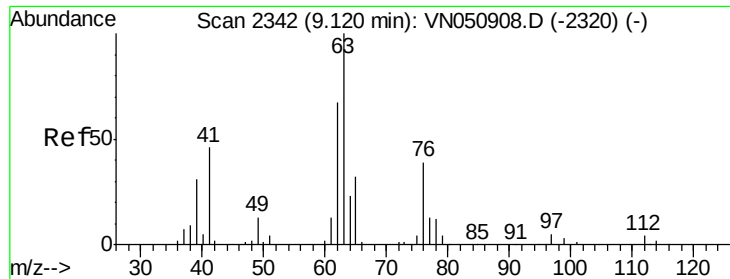
Ion Ratio Lower Upper

83 100

55 77.8 38.9 116.7

98 45.8 22.9 68.7





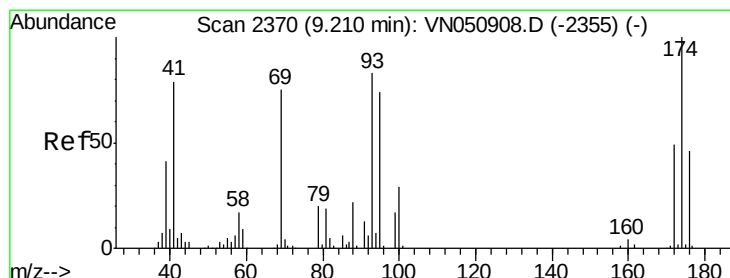
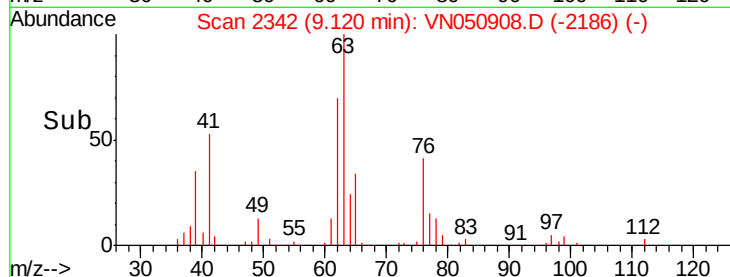
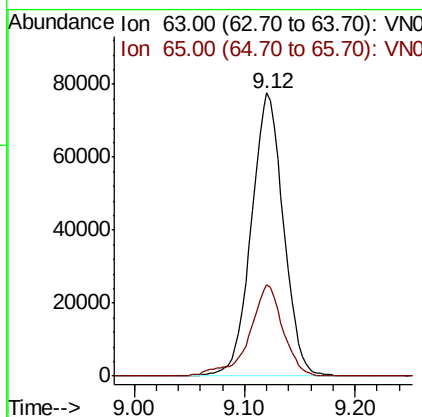
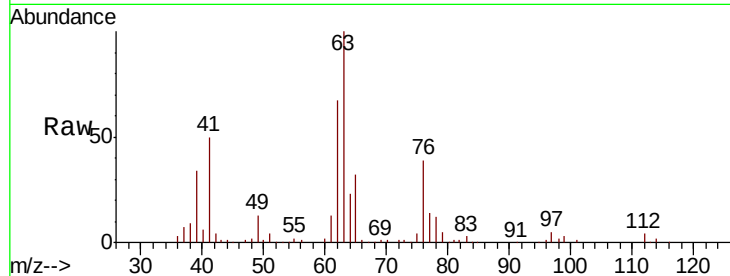
#39
 1,2-Dichloropropane
 Concen: 20.59 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	63	Resp	156624
Ion Ratio	100	Lower	Upper
63	100		
65	32.0	25.6	38.4

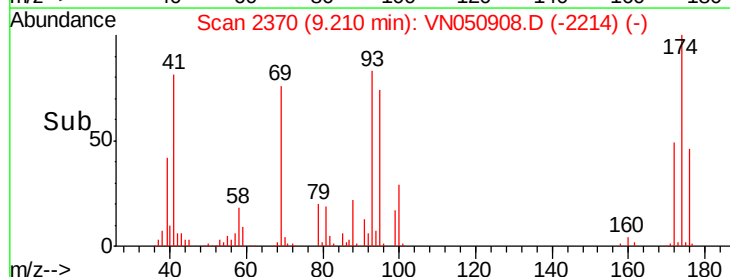
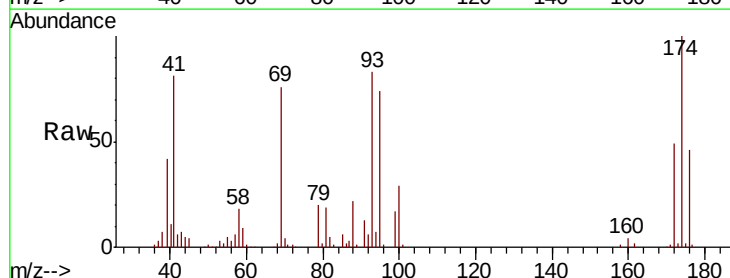
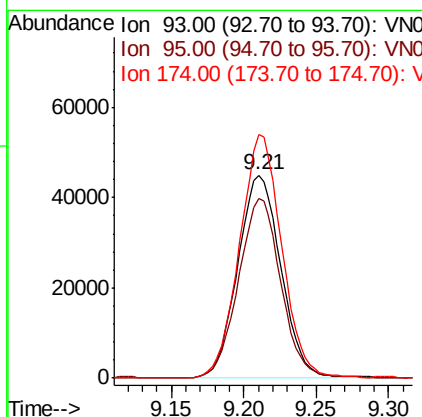
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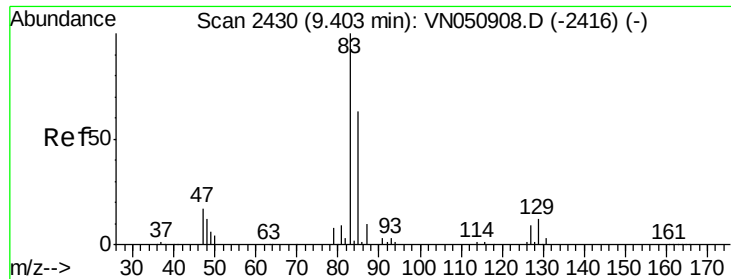
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#40
 Dibromomethane
 Concen: 20.30 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	93	Resp	93020
Ion Ratio	100	Lower	Upper
93	100		
95	86.7	0.0	173.4
174	117.4	0.0	234.8





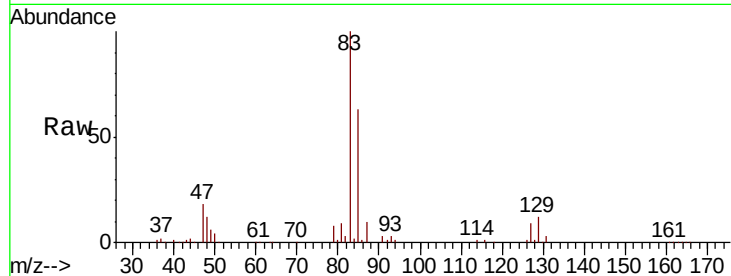
#41
Bromodichloromethane
Concen: 20.25 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

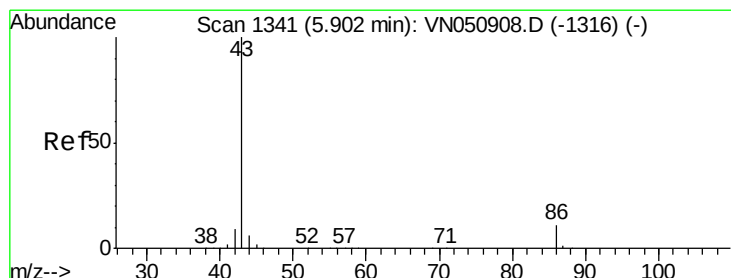
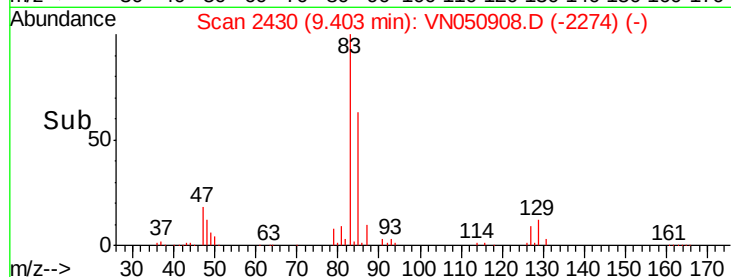
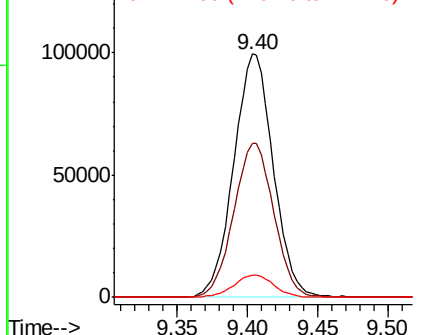
Tot Ion	83	Resp	195521
Ion Ratio	100		
Lower	50.6		
Upper	76.0		
85	63.3		
127	8.9		

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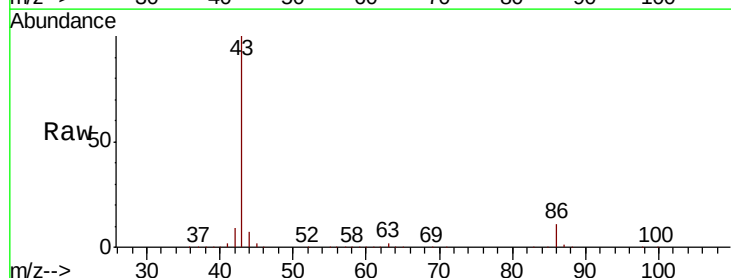


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0

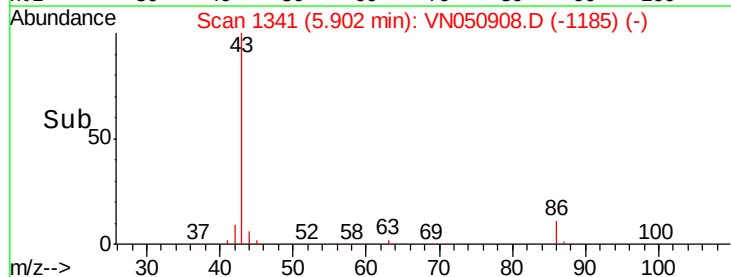
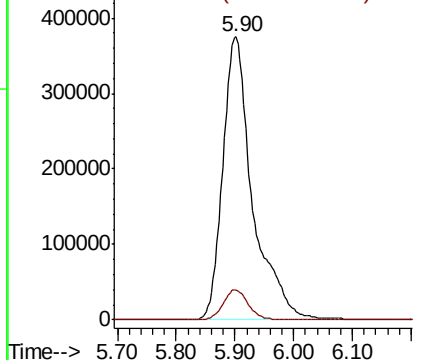


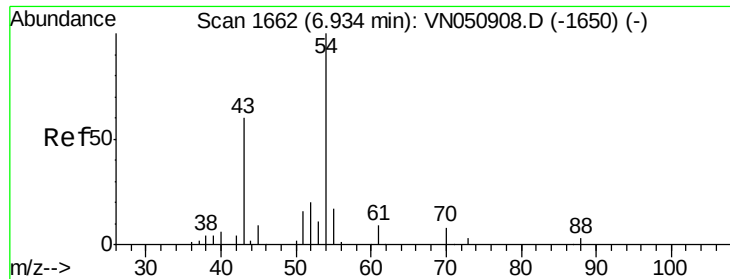
#42
Vinyl Acetate
Concen: 99.12 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	43	Resp	1322094
Ion Ratio	100		
Lower	7.2		
Upper	10.8		
86	9.0		



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0





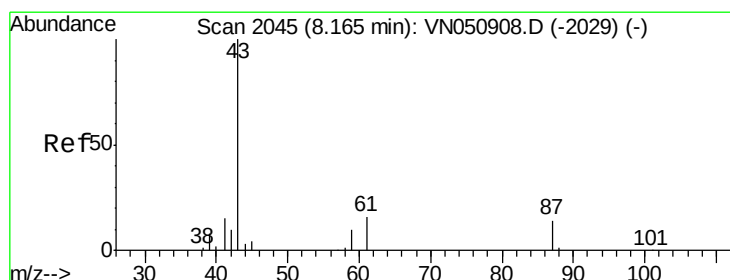
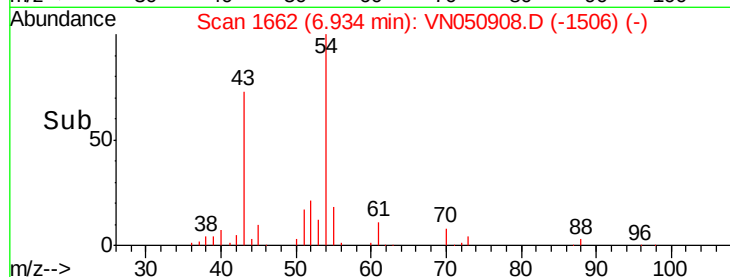
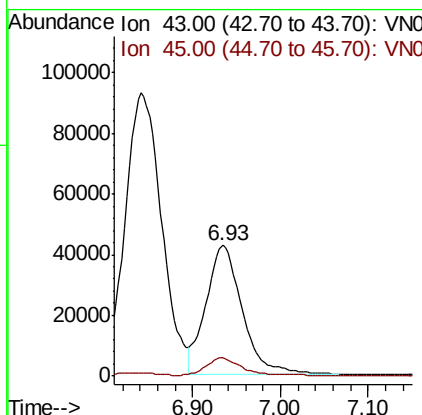
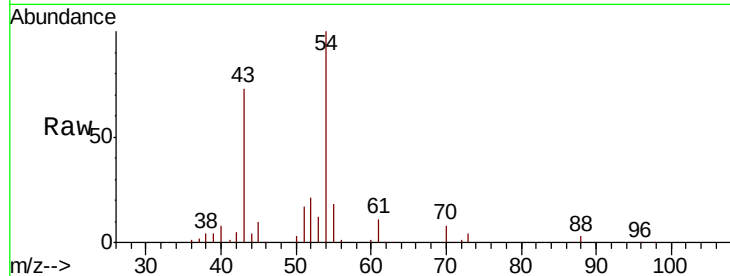
#43
Ethyl Acetate
Concen: 20.69 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	43	45	Ratio	Lower	Upper
122757	100	12.7		10.2	15.2

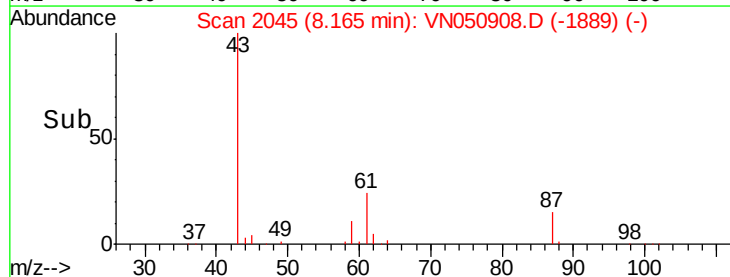
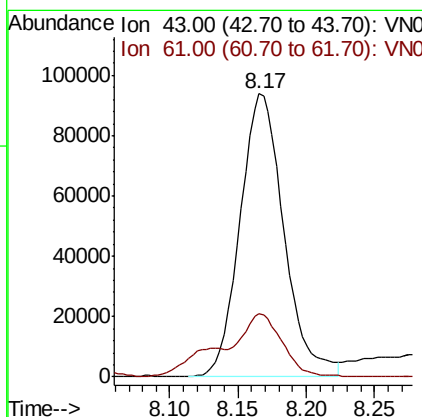
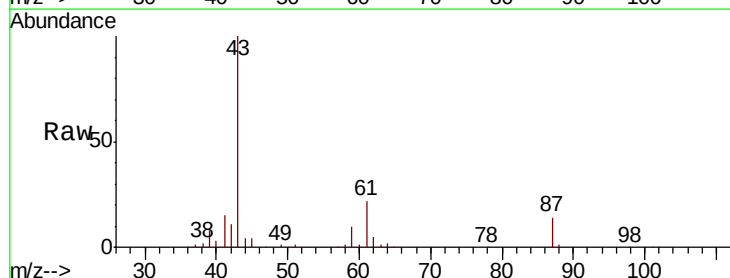
Manual Integrations
APPROVED

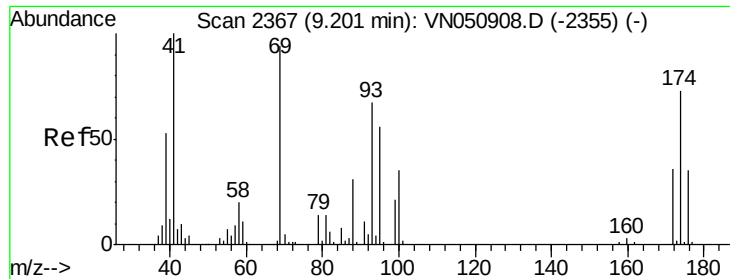
MMDadoda
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#44
Isopropyl Acetate
Concen: 19.93 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	43	61	Ratio	Lower	Upper
208571	100	20.4		16.3	24.5





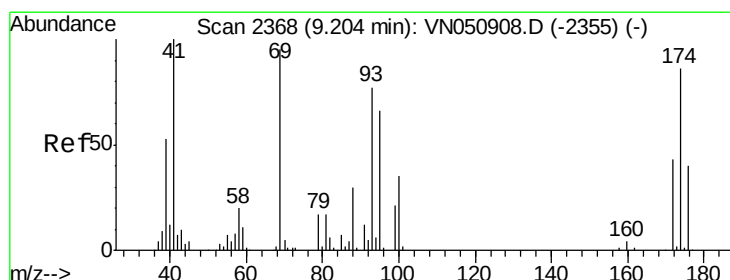
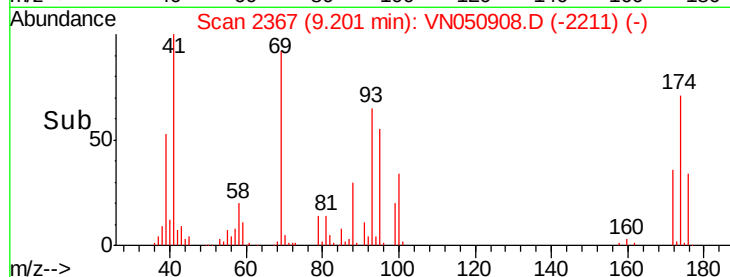
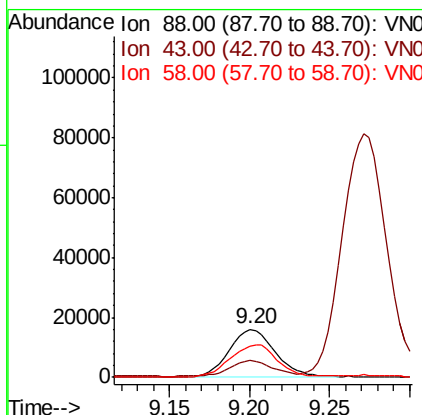
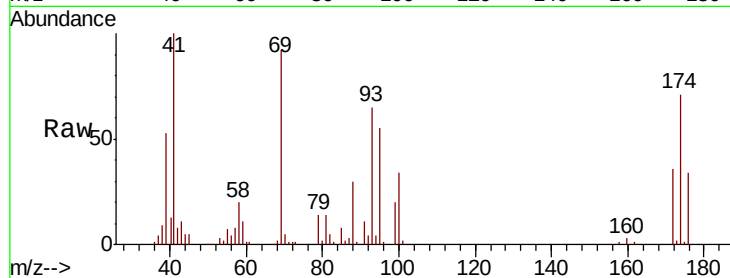
#45
 1,4-Dioxane
 Concen: 410.83 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.5	35.3
58	69.0	55.2	82.8

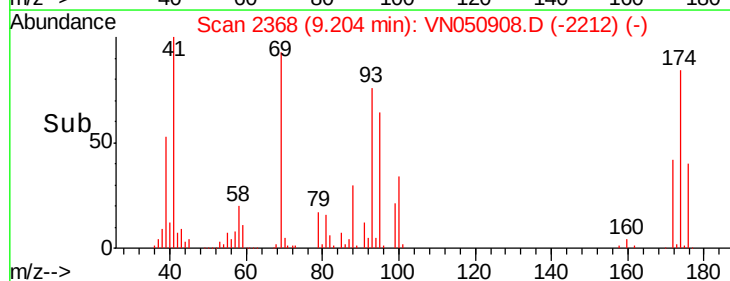
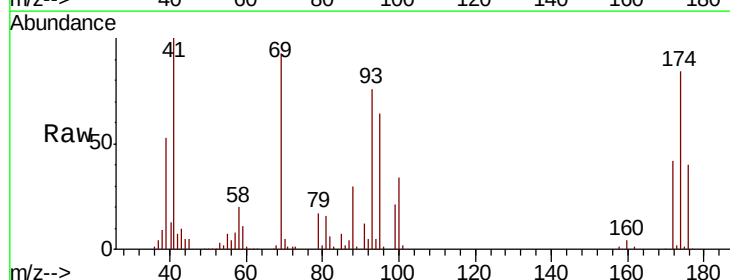
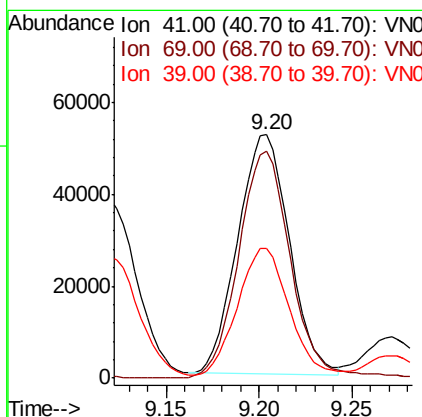
Manual Integrations
 APPROVED

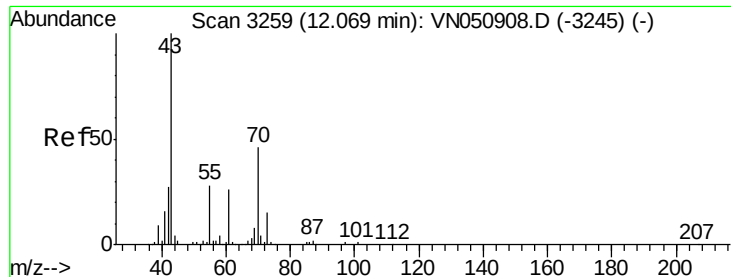
MMDadoda
 8/29/2018 11:09:51 AM



#46
 Methyl methacrylate
 Concen: 19.22 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.8	47.4	142.2
39	53.1	26.6	79.7





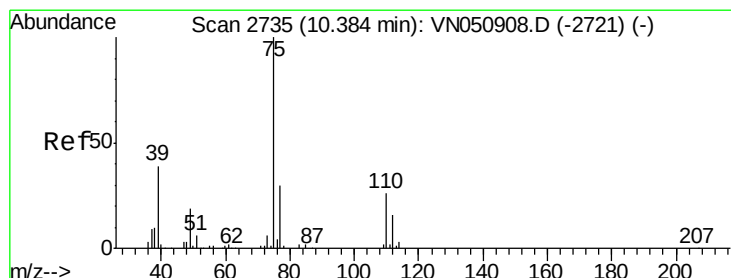
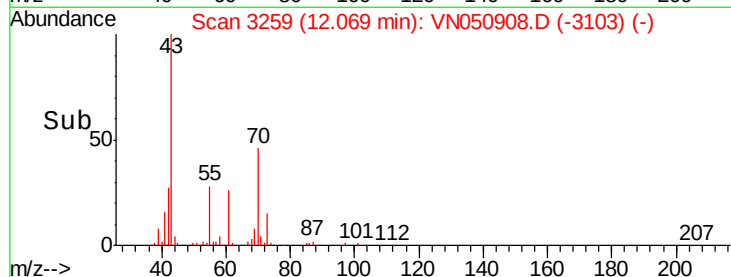
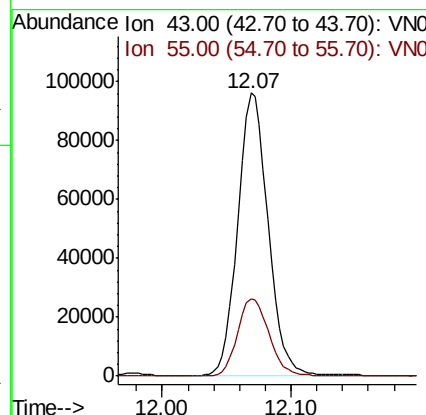
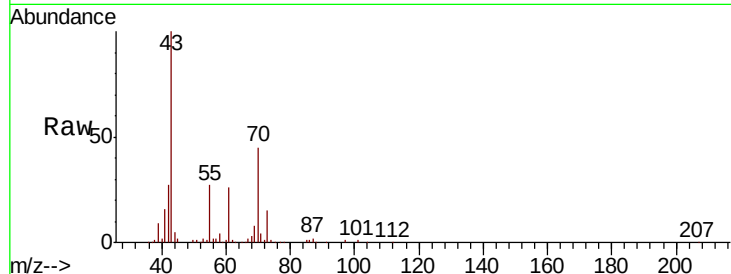
#47
n-amyl Acetate
Concen: 18.55 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	43	Resp	156142
Ion Ratio	Lower	Upper	
43	100		
55	28.7	23.0	34.4

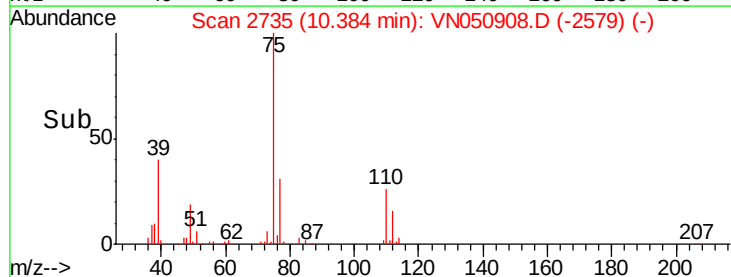
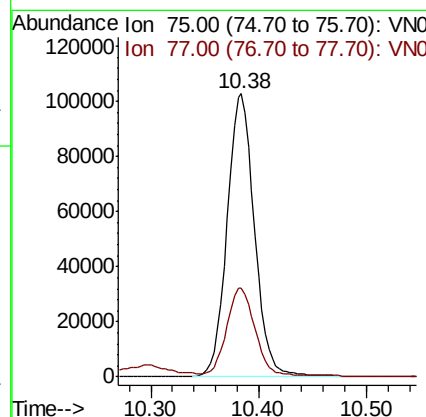
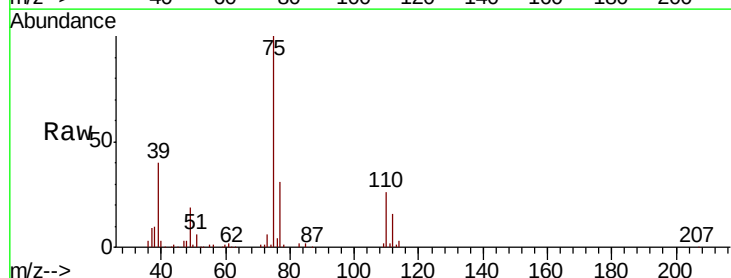
Manual Integrations
APPROVED

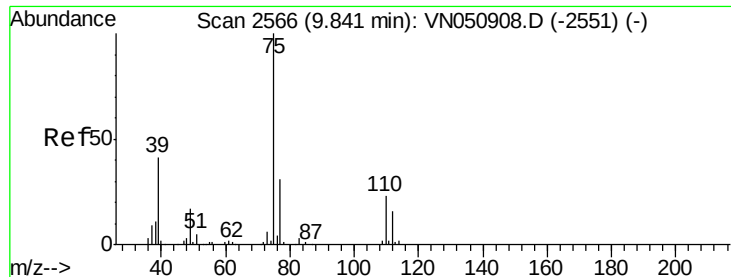
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#48
t-1,3-Dichloropropene
Concen: 19.18 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	75	Resp	181536
Ion Ratio	Lower	Upper	
75	100		
77	31.0	24.8	37.2





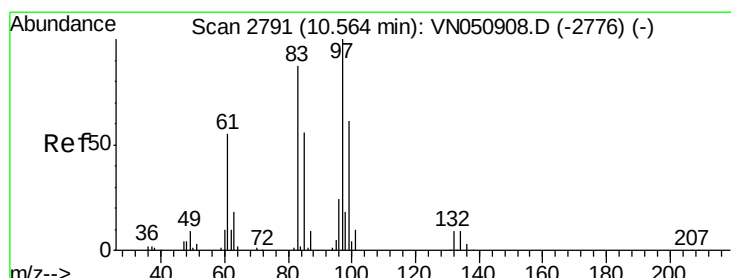
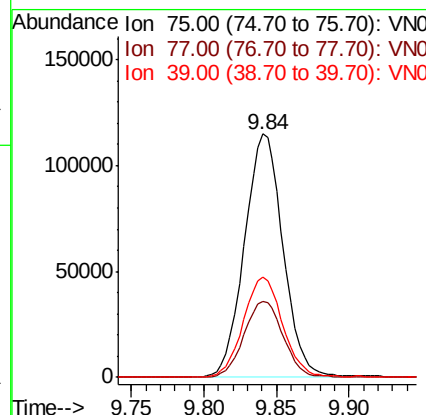
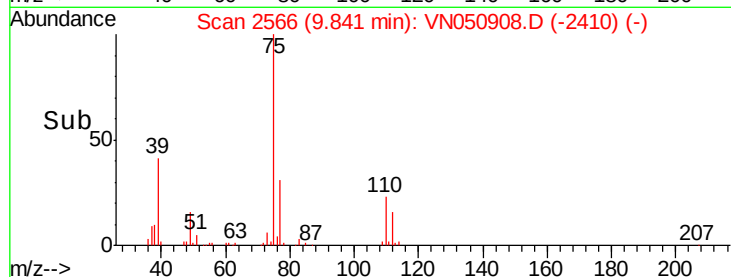
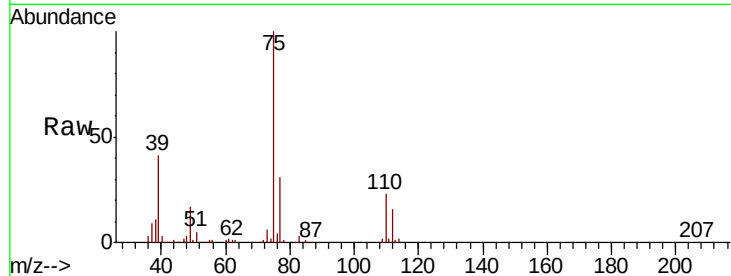
#49
 cis-1,3-Dichloropropene
 Concen: 19.58 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	41.1	32.9	49.3

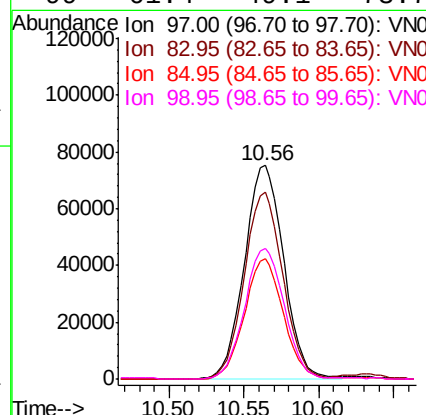
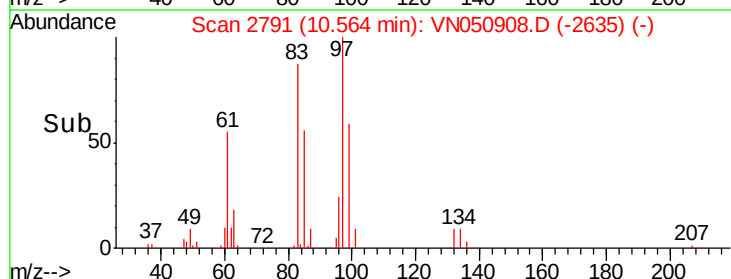
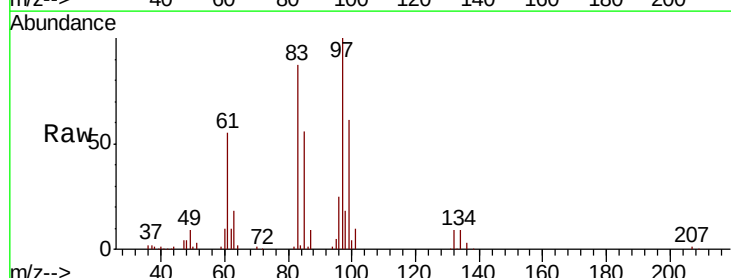
Manual Integrations
 APPROVED

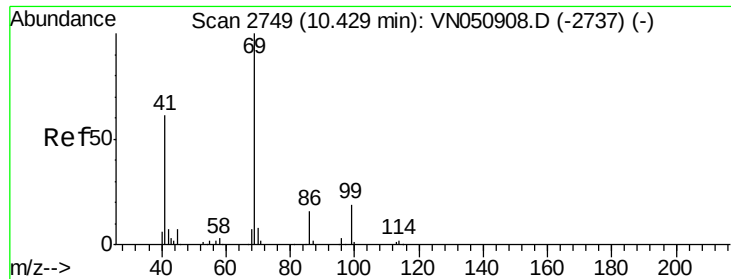
MMDadoda
 8/29/2018 11:09:51 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.66 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.8	104.6
85	56.3	45.0	67.6
99	61.4	49.1	73.7





#51

Ethyl methacrylate

Concen: 18.58 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

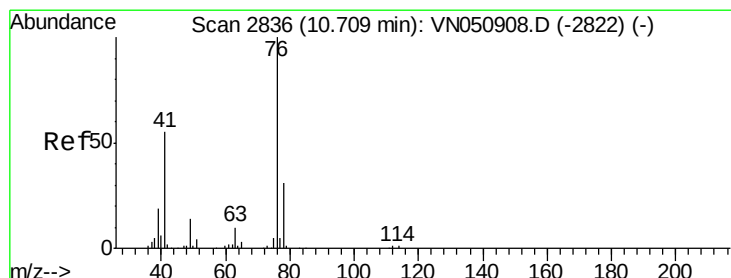
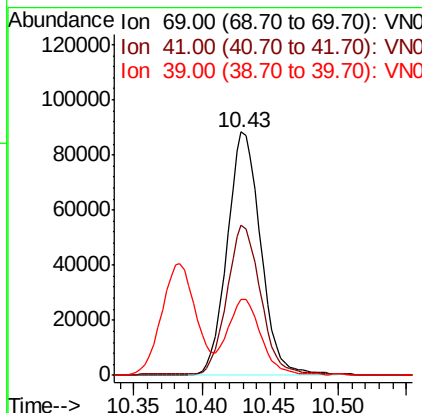
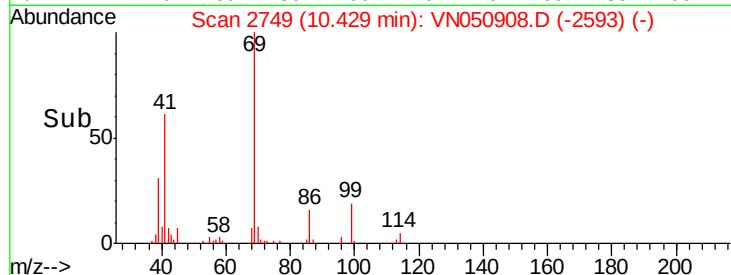
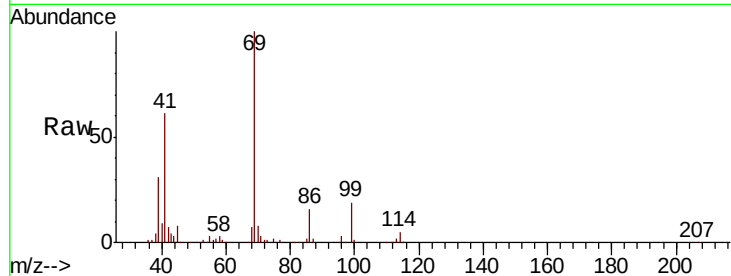
ClientSampled :

VSTDICCC020

Tot Ion:	69	Resp:	151287
Ion	Ratio	Lower	Upper
69	100		
41	61.0	30.5	91.5
39	30.5	15.3	45.8

Manual Integrations
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8/29/2018 11:09:51 AM



#52

1,3-Dichloropropane

Concen: 20.31 ug/l

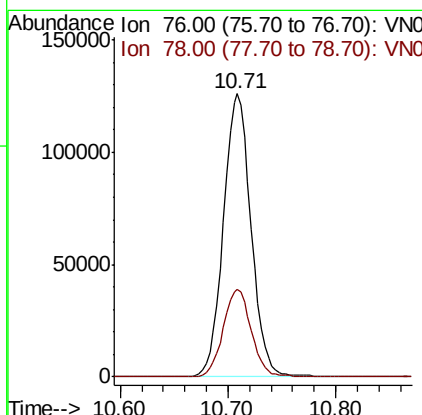
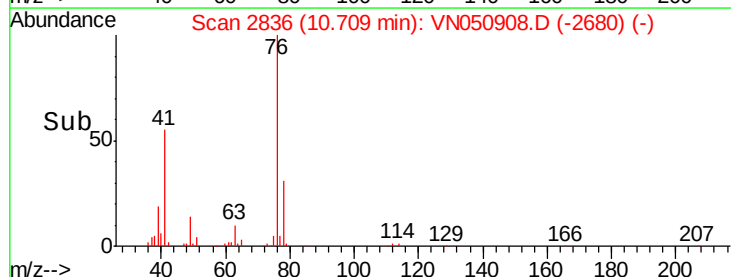
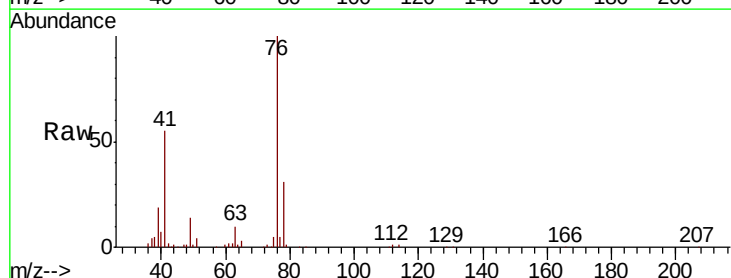
RT: 10.71 min Scan# 2836

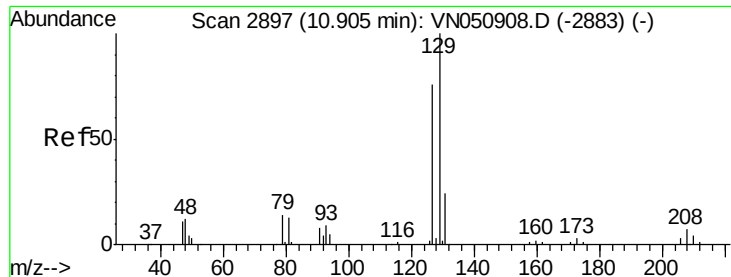
Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Tgt Ion:	76	Resp:	223930
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	63.4





#53

Dibromochloromethane

Concen: 19.76 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion:129 Resp: 149532

Ion Ratio Lower Upper

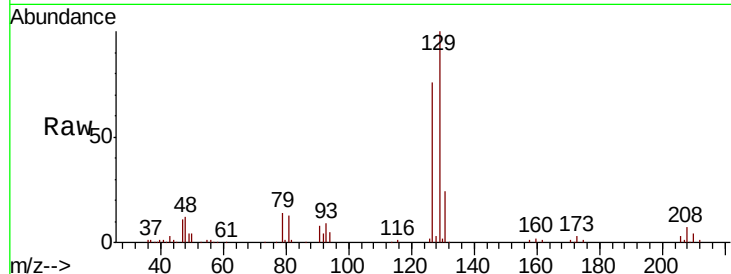
129 100

127 77.9 39.0 116.9

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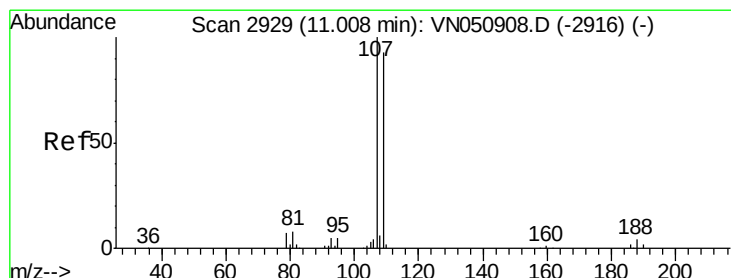
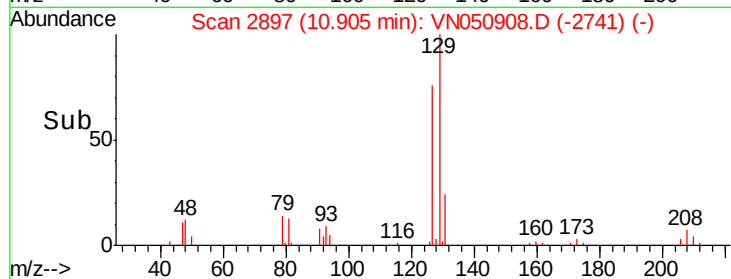
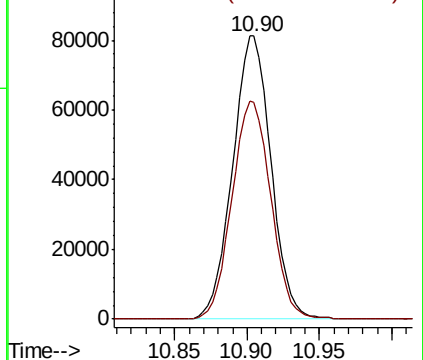
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050908.D

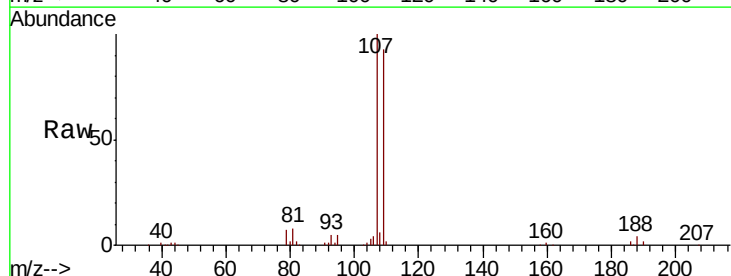
Acq: 28 Aug 2018 12:25

Tgt Ion:107 Resp: 130986

Ion Ratio Lower Upper

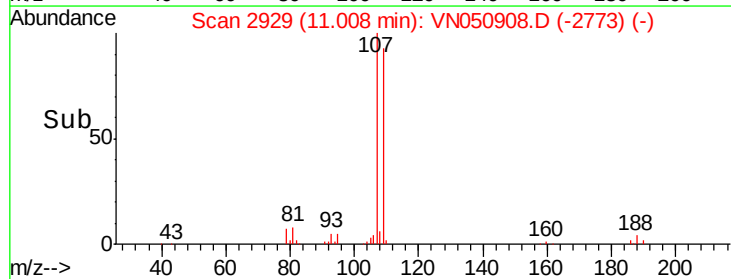
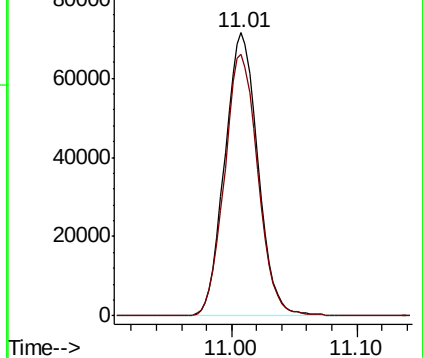
107 100

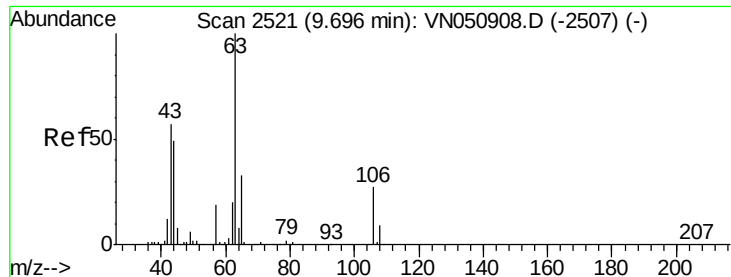
109 93.0 74.4 111.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





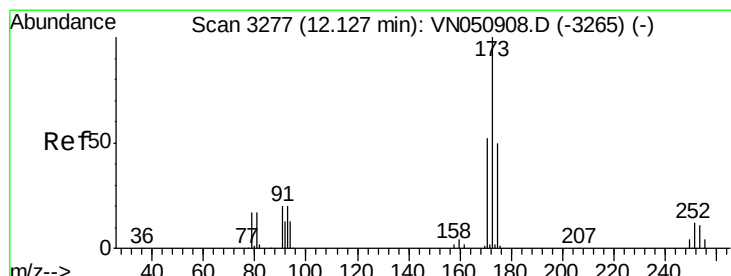
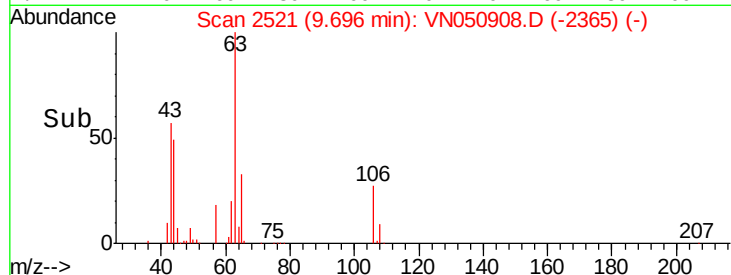
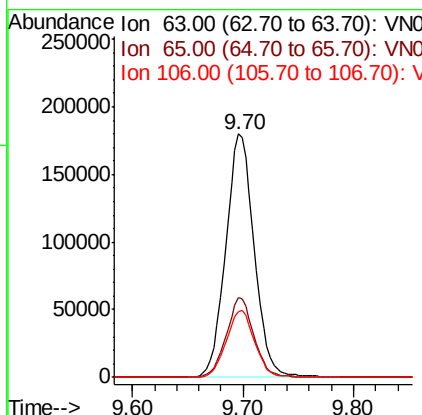
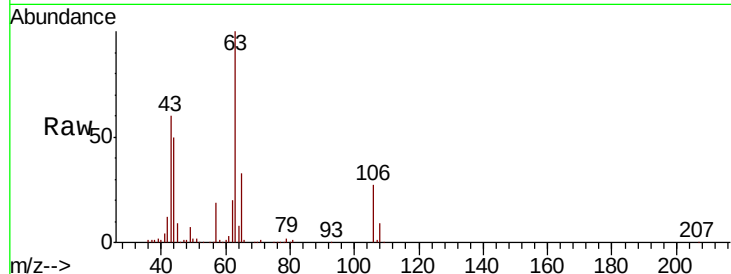
#55
 2-Chloroethyl vinyl ether
 Concen: 94.85 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	63	Resp	321419
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2
106	27.5	22.0	33.0

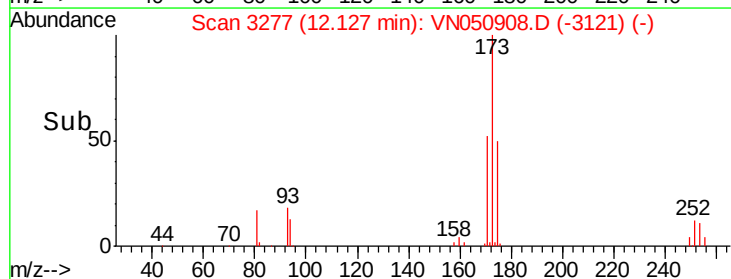
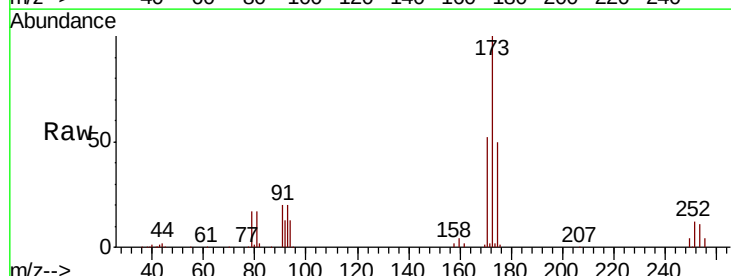
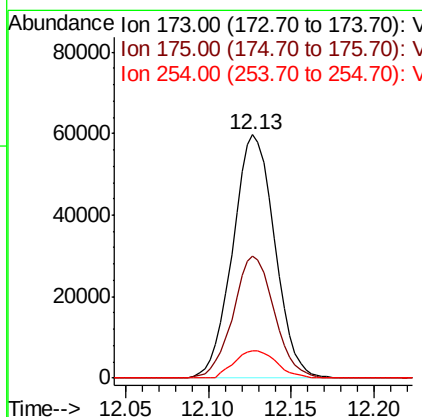
Manual Integrations
 APPROVED

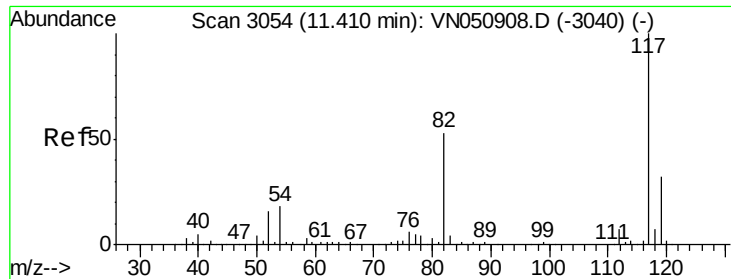
MMDadoda
 8/29/2018 11:09:51 AM



#56
 Bromoform
 Concen: 19.57 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	173	Resp	105353
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.2	58.8
254	11.3	9.0	13.6





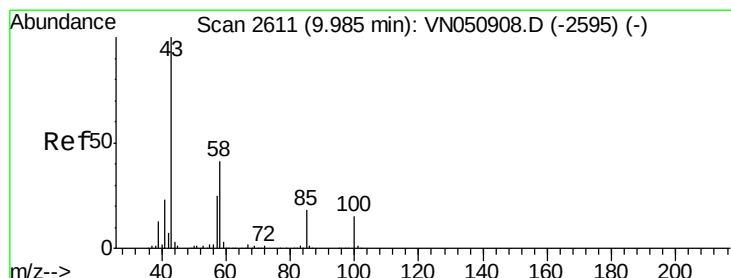
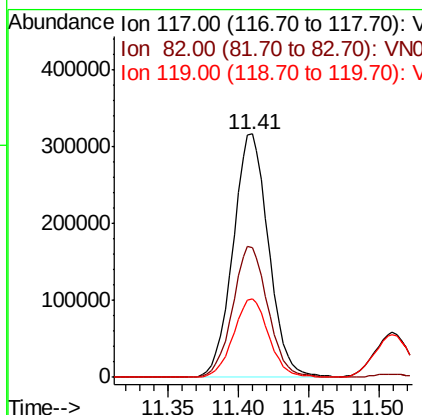
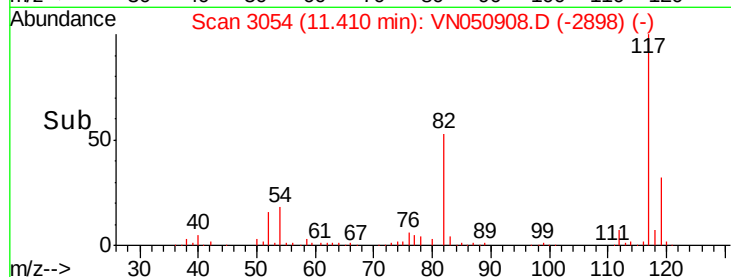
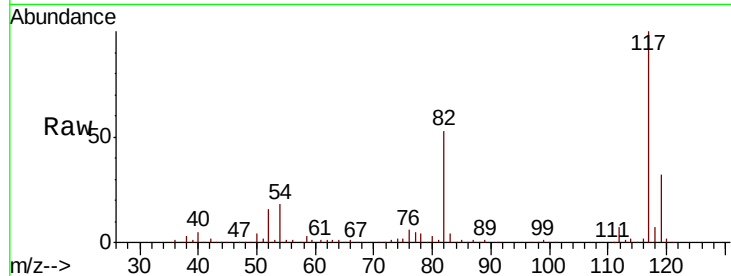
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	32.1	25.7	38.5

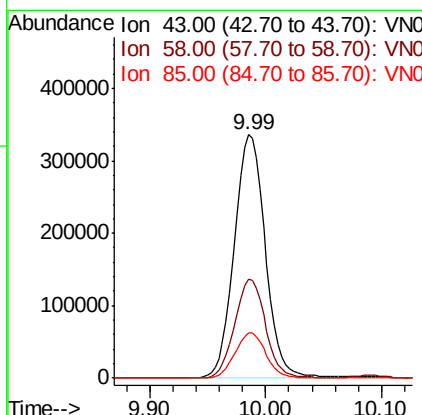
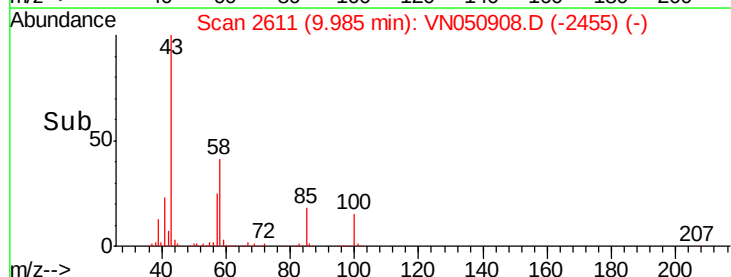
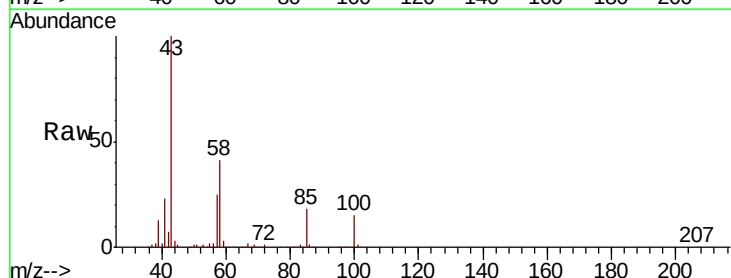
Manual Integrations
APPROVED

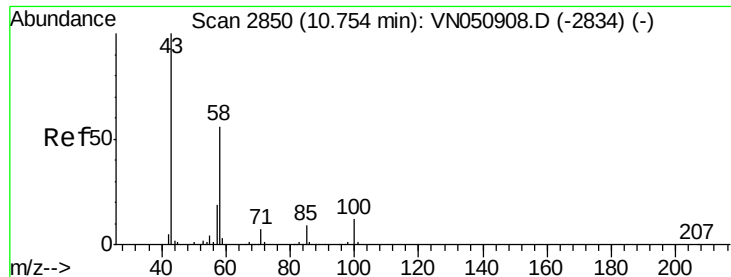
MMDadoda
8/29/2018 11:09:51 AM



#58
4-Methyl-2-Pentanone
Concen: 96.89 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.3	48.5
85	18.6	14.9	22.3





#59

2-Hexanone

Concen: 93.56 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

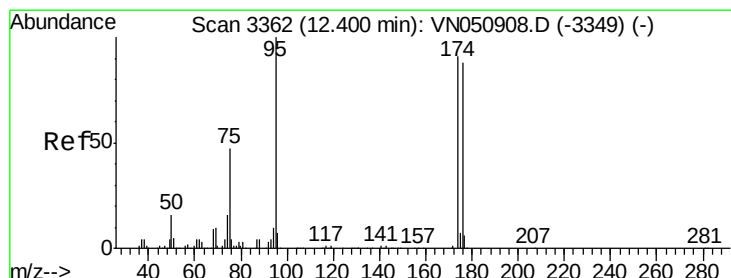
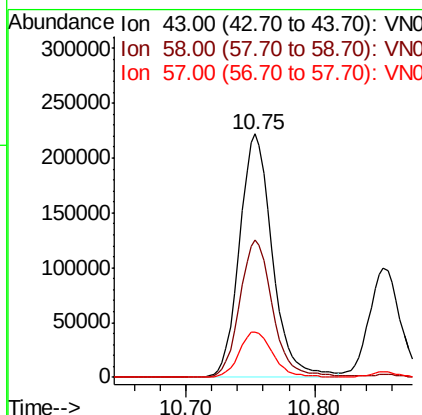
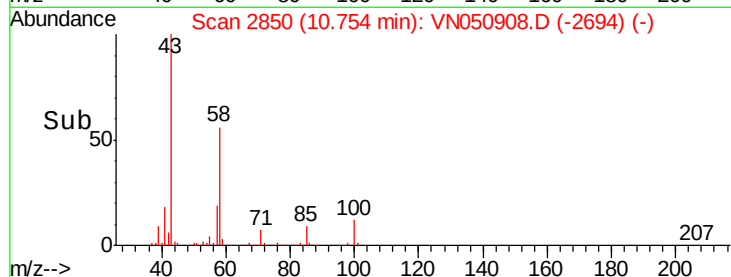
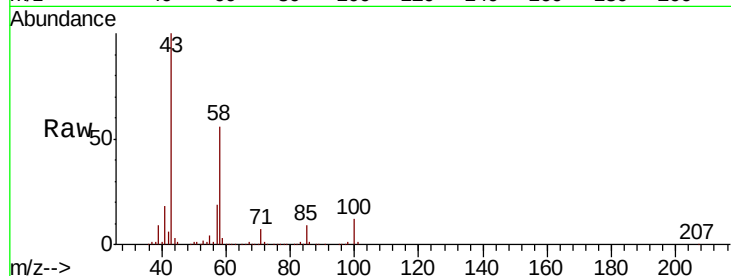
ClientSampleId :

VSTDICCC020

Tot Ion:	43	Resp:	391198
Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.5	68.3
57	19.0	15.2	22.8

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#60

4-Bromofluorobenzene

Concen: 29.80 ug/l

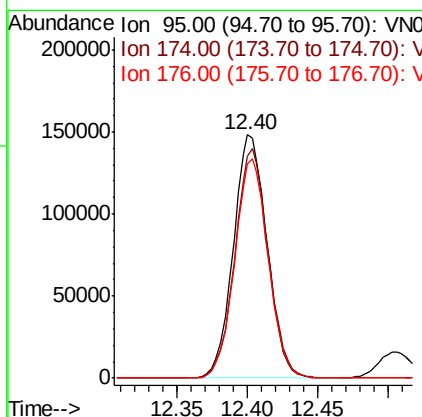
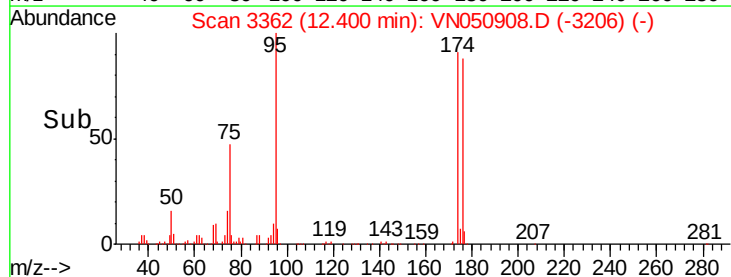
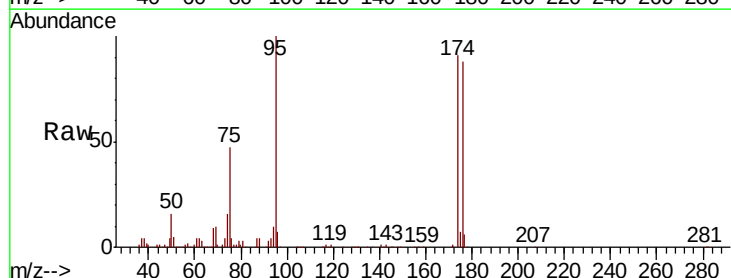
RT: 12.40 min Scan# 3362

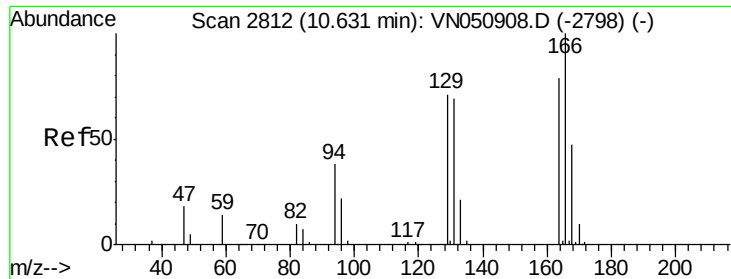
Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Tgt Ion:	95	Resp:	247739
Ion	Ratio	Lower	Upper
95	100		
174	93.3	74.6	112.0
176	89.4	71.5	107.3





#61

Tetrachloroethene

Concen: 20.31 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 141507

Ion Ratio Lower Upper

164 100

166 125.8 100.6 151.0

129 88.8 71.0 106.6

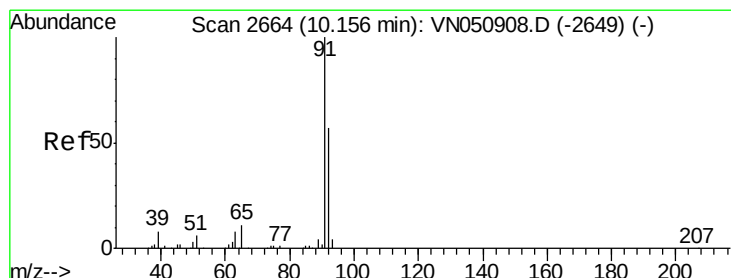
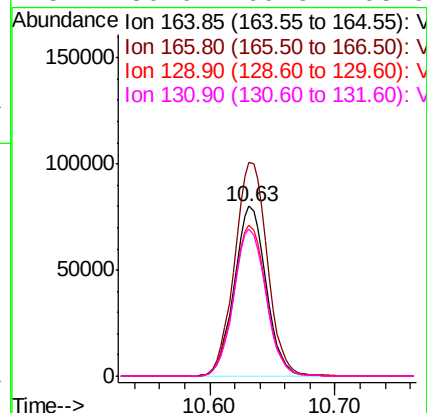
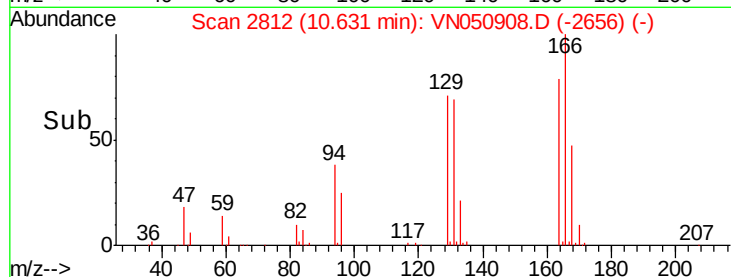
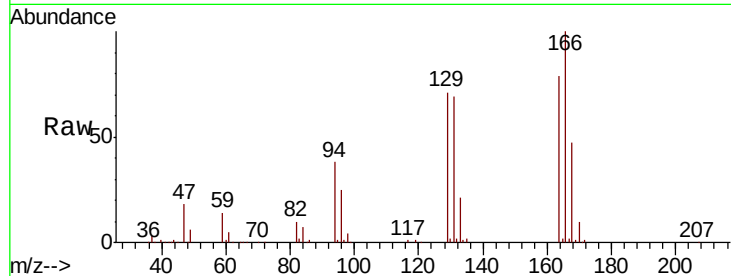
131 86.6 69.3 103.9

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#62

Toluene

Concen: 20.32 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050908.D

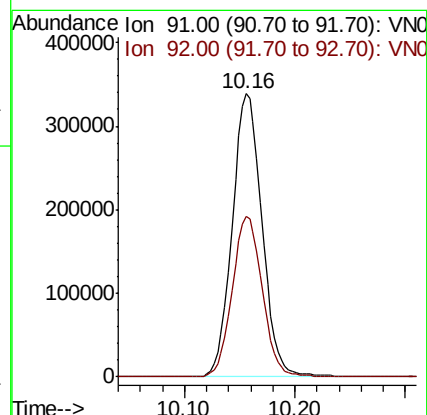
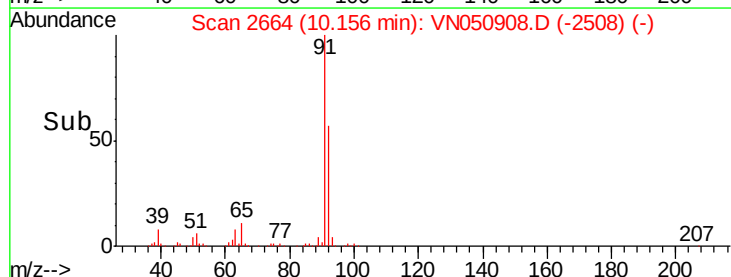
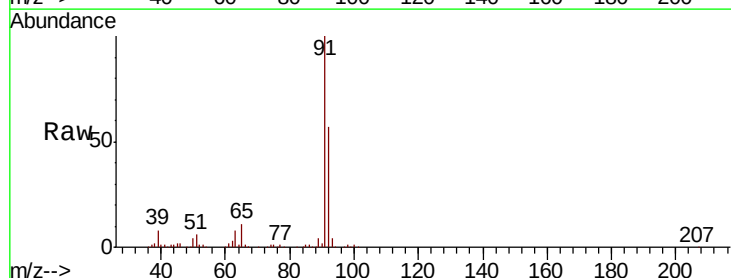
Acq: 28 Aug 2018 12:25

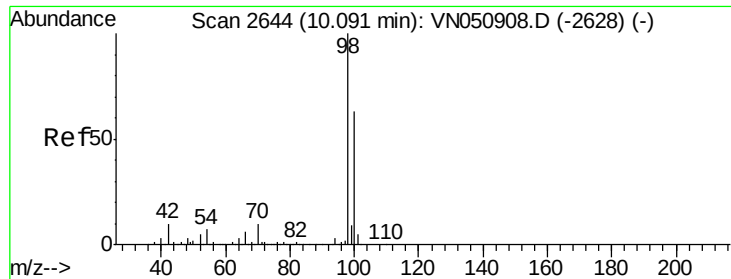
Tgt Ion: 91 Resp: 633905

Ion Ratio Lower Upper

91 100

92 57.3 45.8 68.8





#63

Toluene-d8

Concen: 30.55 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 796535

Ion Ratio Lower Upper

98 100

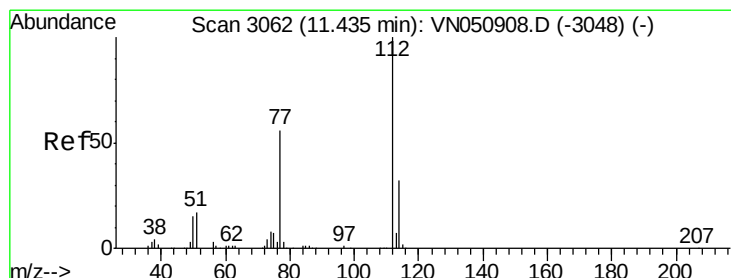
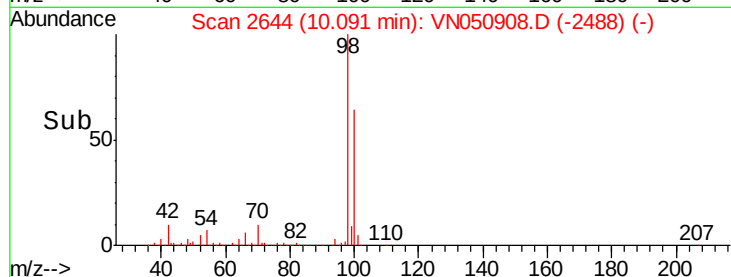
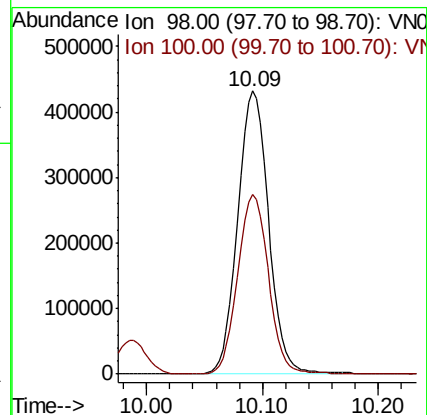
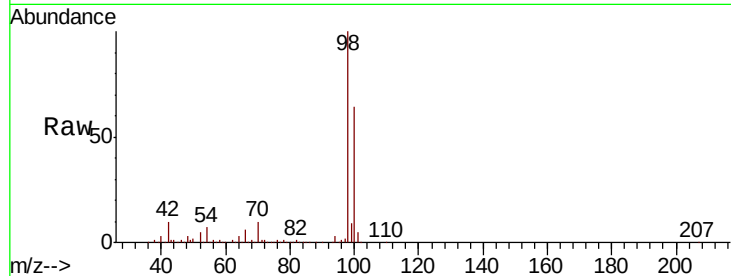
100 63.2 50.6 75.8

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#64

Chlorobenzene

Concen: 19.95 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050908.D

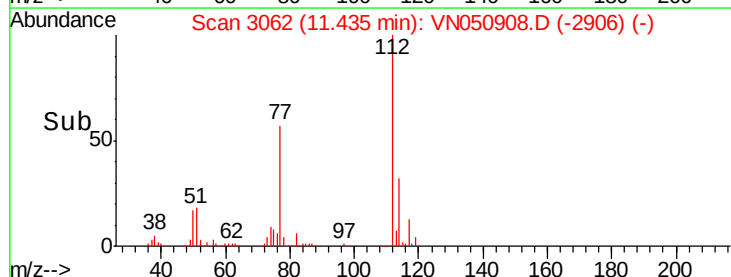
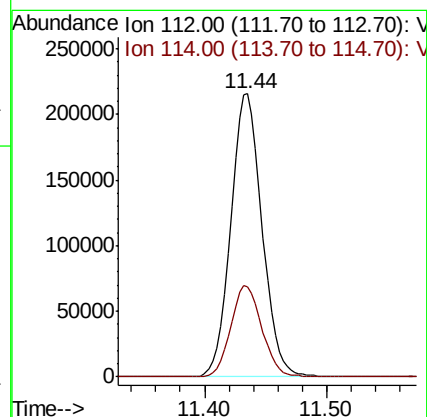
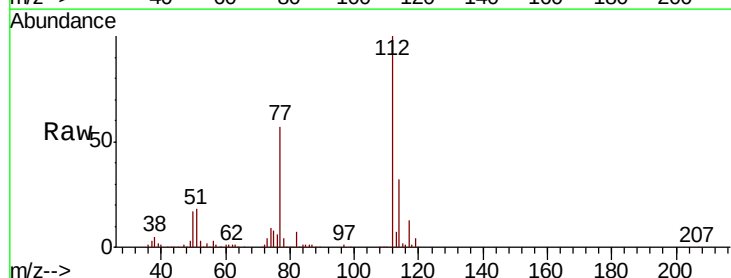
Acq: 28 Aug 2018 12:25

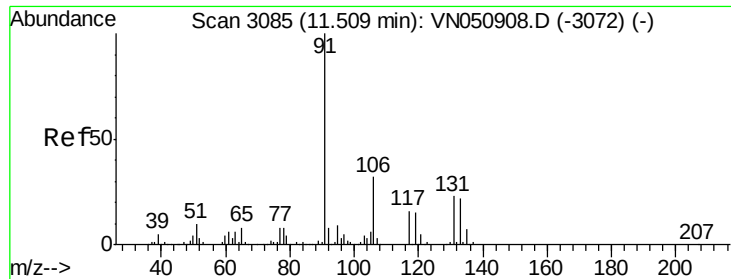
Tgt Ion: 112 Resp: 385600

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 20.08 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

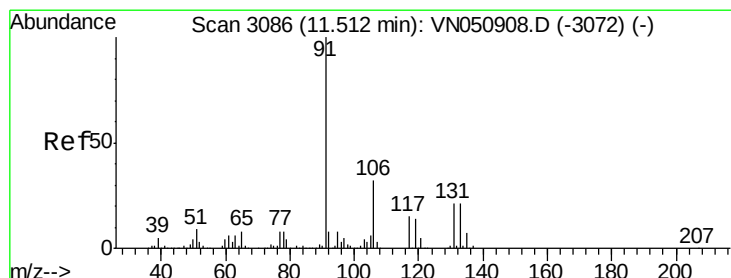
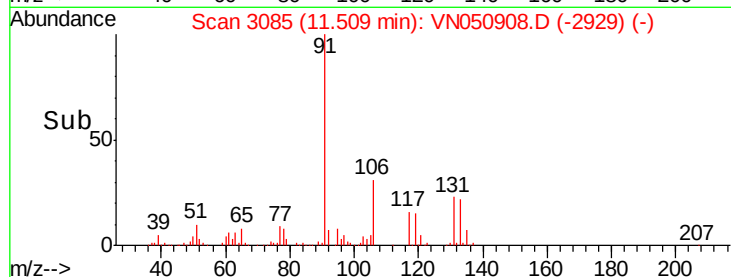
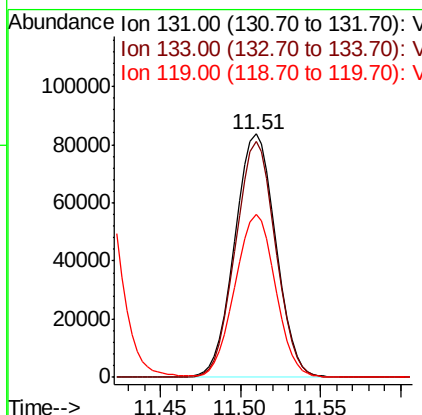
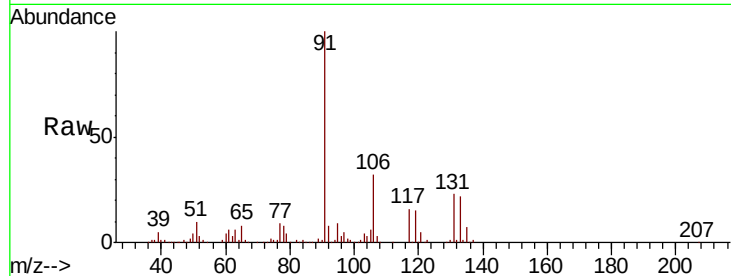
ClientSampled :

VSTDICCC020

Tot Ion:	131	Resp:	146569
Ion Ratio	Lower	Upper	
131	100		
133	94.7	0.0	189.4
119	66.1	0.0	132.2

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#66

Ethyl Benzene

Concen: 19.52 ug/l

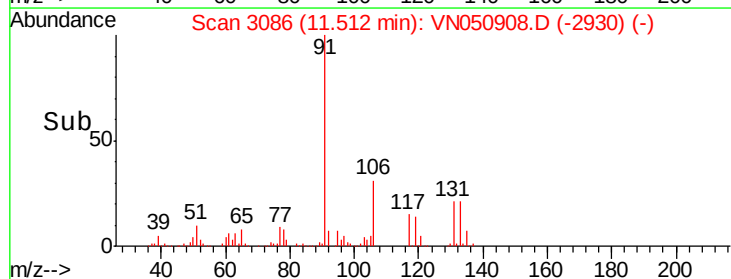
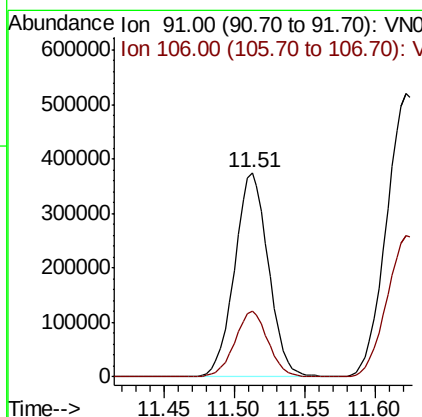
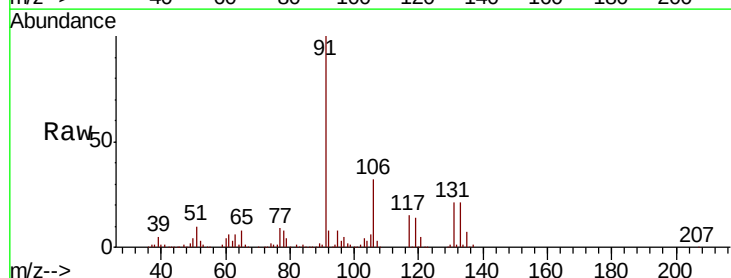
RT: 11.51 min Scan# 3086

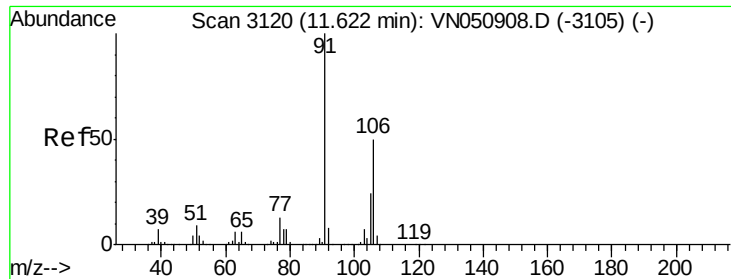
Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Tgt Ion:	91	Resp:	630732
Ion Ratio	Lower	Upper	
91	100		
106	32.1	25.7	38.5





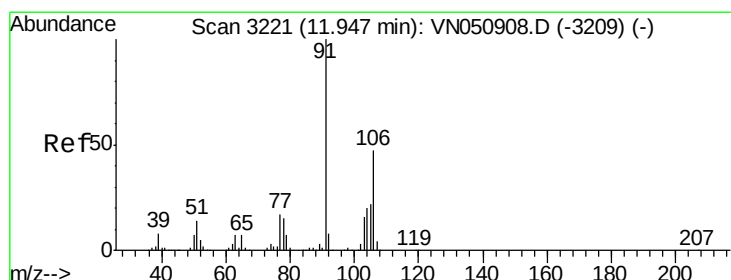
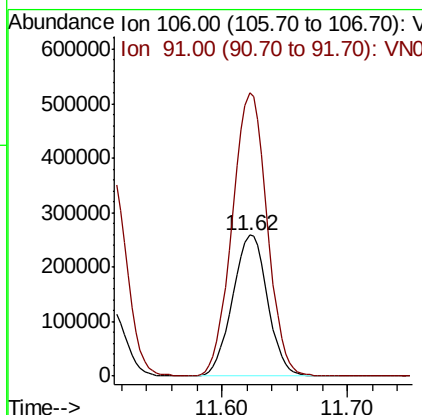
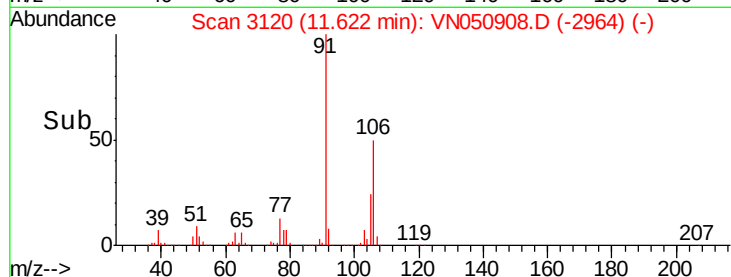
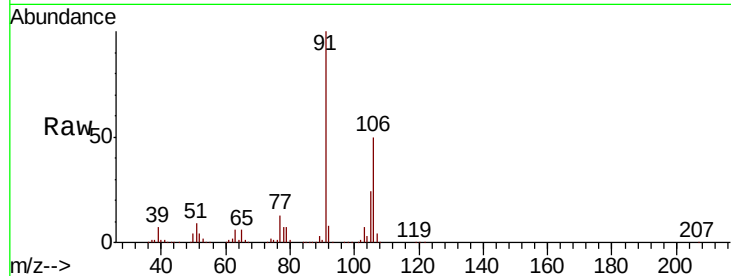
#67
m/p-Xylenes
Concen: 40.28 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		500739		
91	200.8	160.6	241.0		

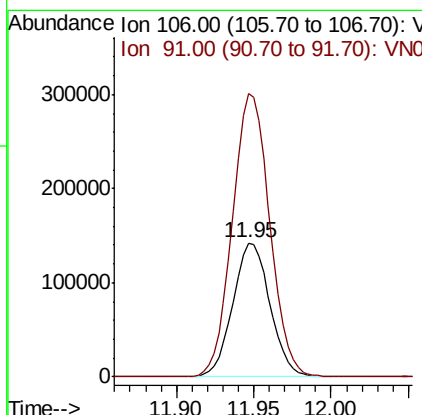
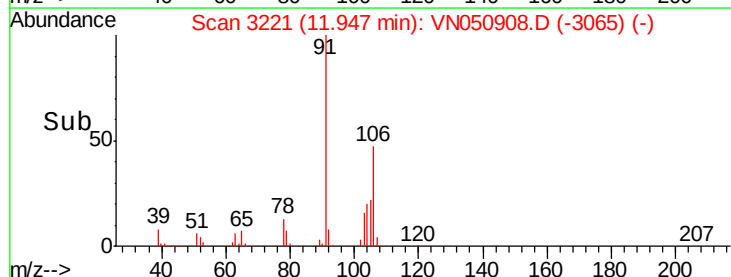
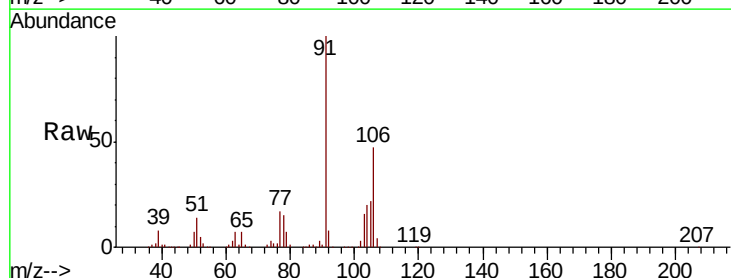
Manual Integrations
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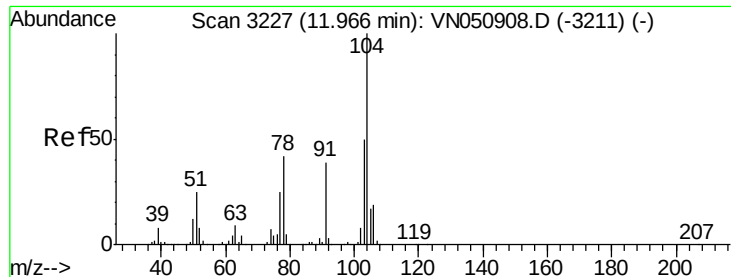
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#68
o-Xylene
Concen: 19.96 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		237076		
91	212.8	106.4	319.2		





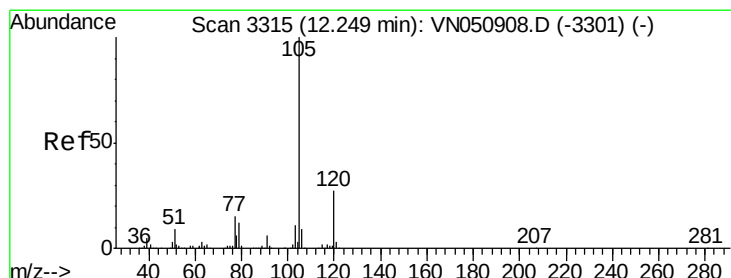
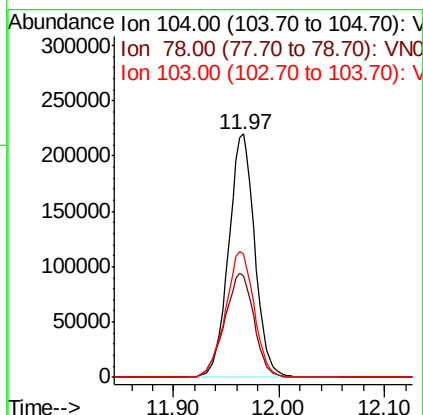
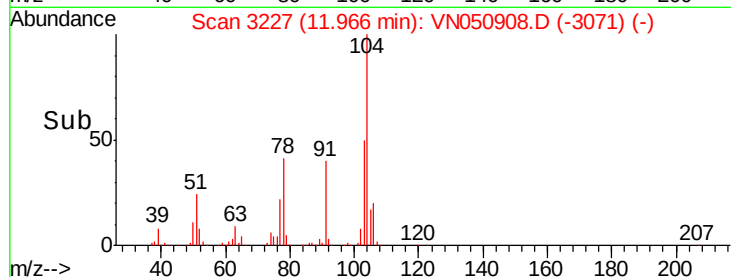
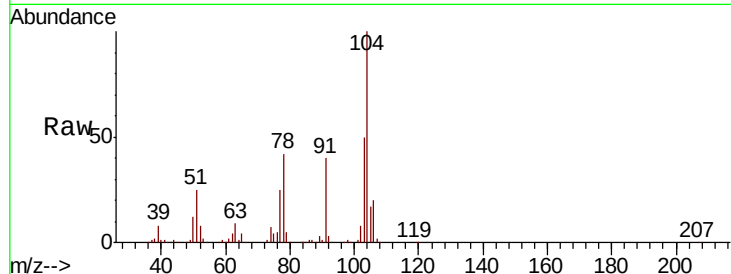
#69
Stvrene
Concen: 19.89 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	375555		
78	48.3		38.6	58.0
103	56.8		45.4	68.2

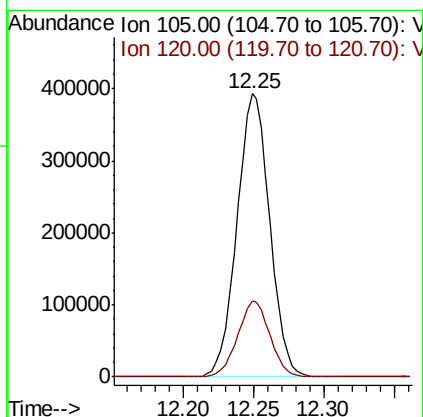
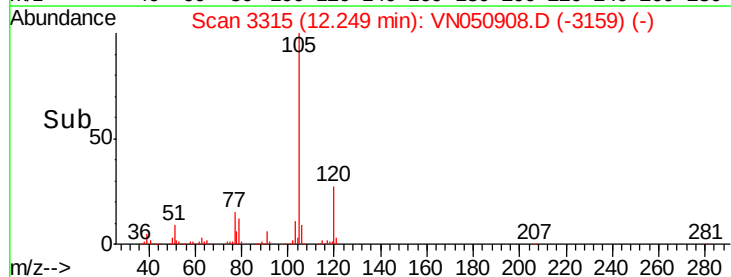
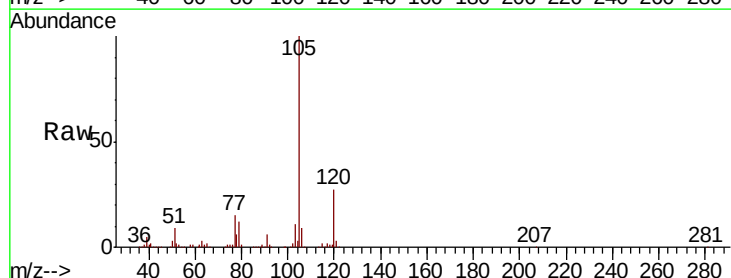
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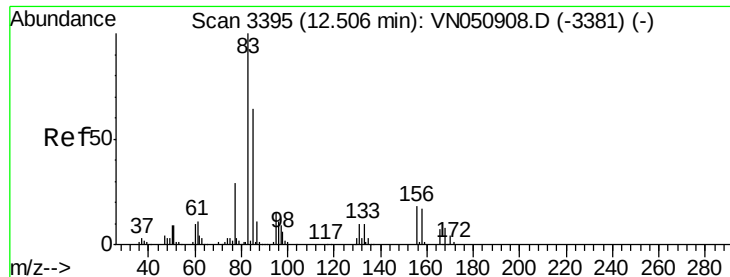
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#70
Isopropylbenzene
Concen: 20.20 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	637488		
120	26.6		18.6	34.6





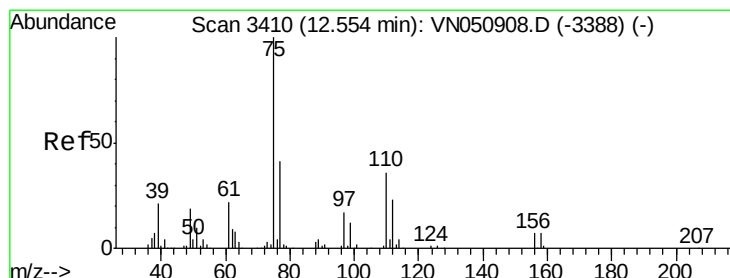
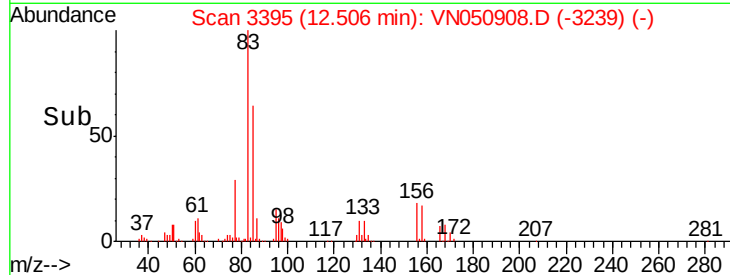
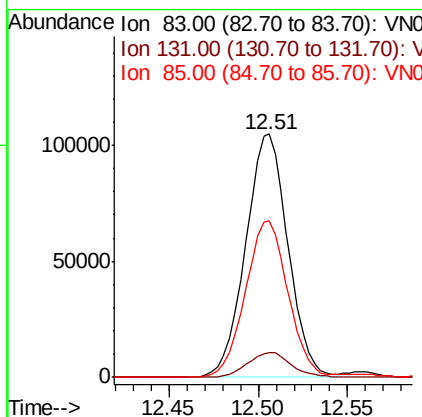
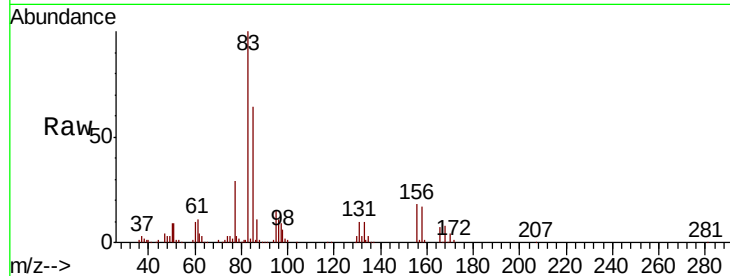
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.37 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.9
85	64.6	32.3	96.9

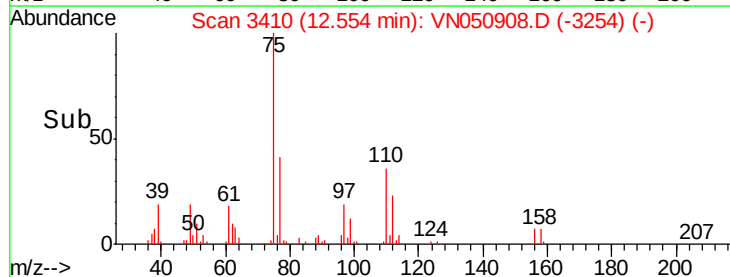
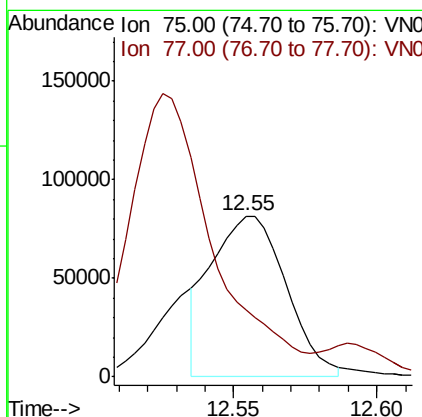
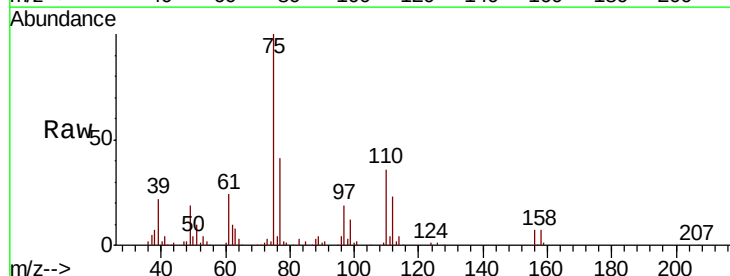
Manual Integrations
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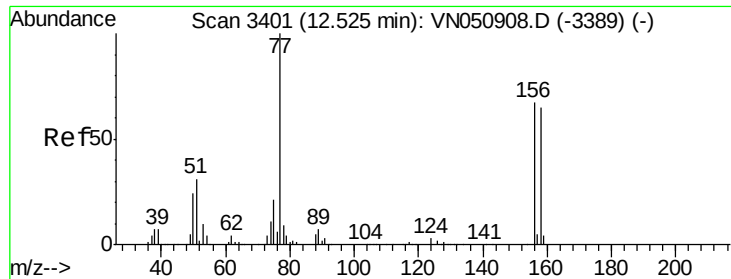
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#72
 1,2,3-Trichloropropane
 Concen: 20.27 ug/l m
 RT: 12.55 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	198.4	0.0	301.6





#73

Bromobenzene

Concen: 19.81 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

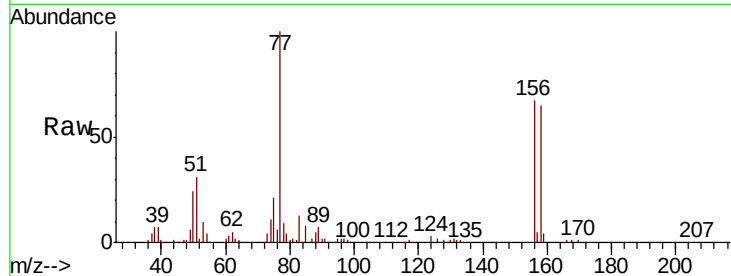
ClientSampled :

VSTDICCC020

Tot Ion:	156	Resp:	164541
Ion Ratio	Lower	Upper	
156	100		
77	179.7	0.0	359.4
158	97.3	0.0	194.6

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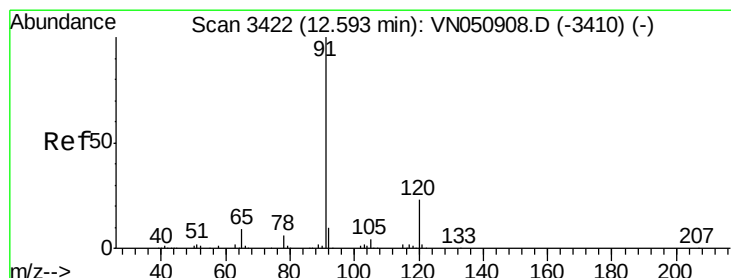
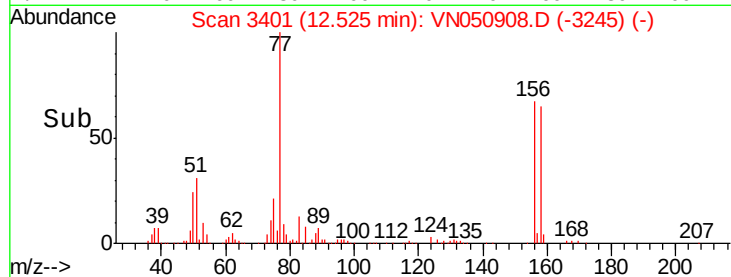
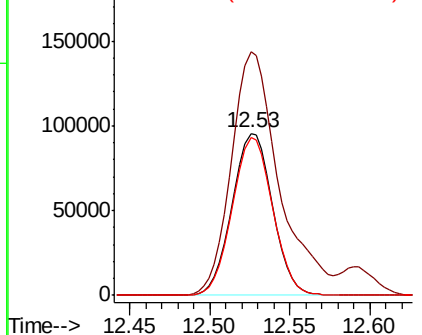
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.00 ug/l

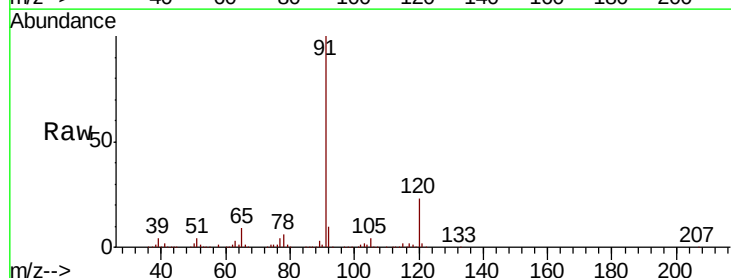
RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050908.D

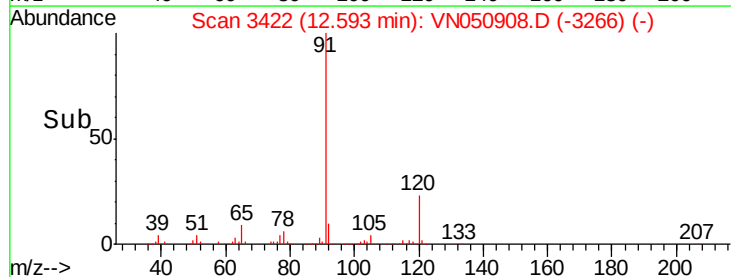
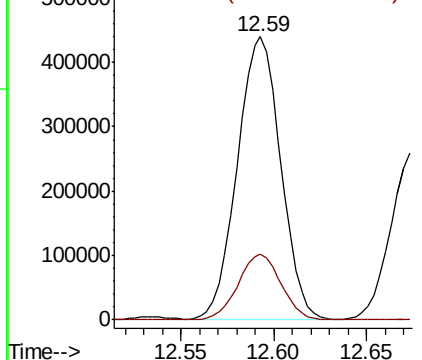
Acq: 28 Aug 2018 12:25

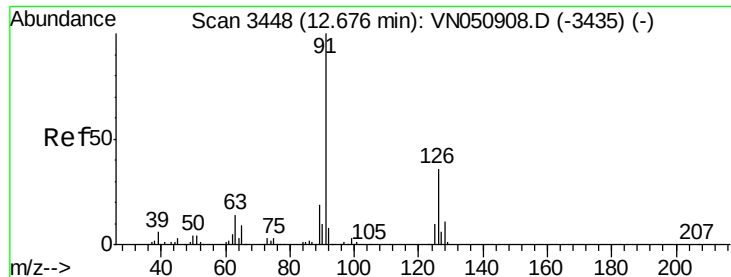
Tgt Ion:	91	Resp:	713538
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.05 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 91 Resp: 434572

Ion Ratio Lower Upper

91 100

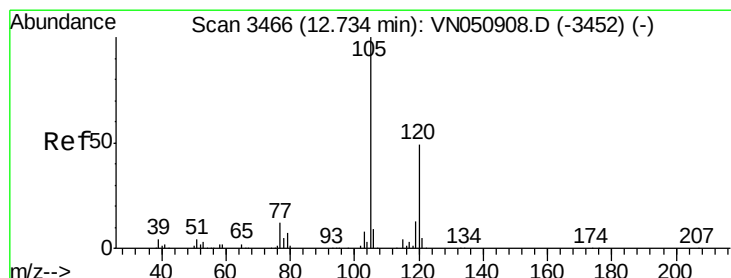
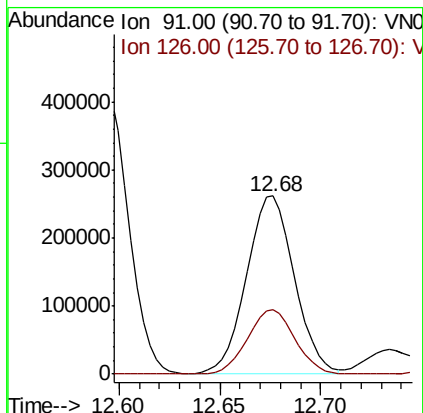
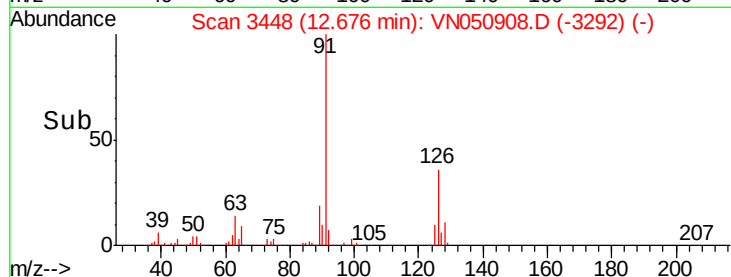
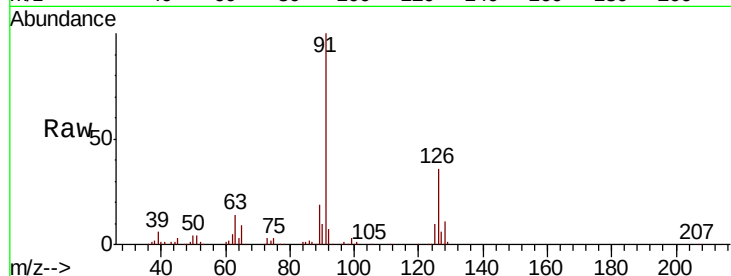
126 35.9 0.0 71.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 20.28 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050908.D

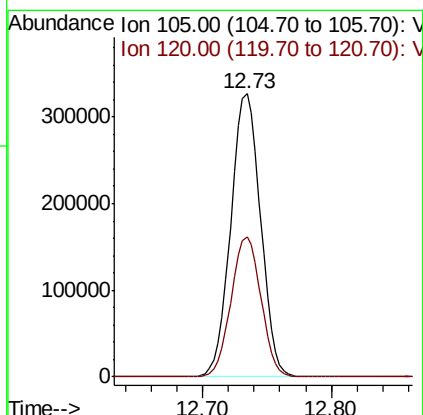
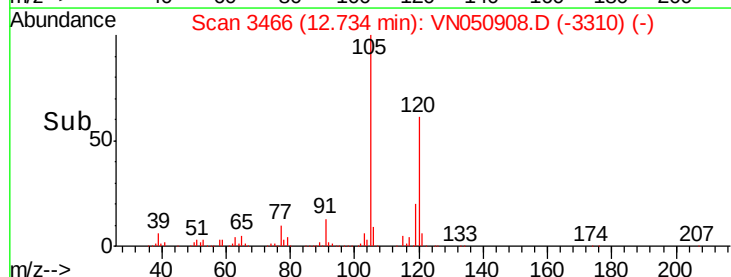
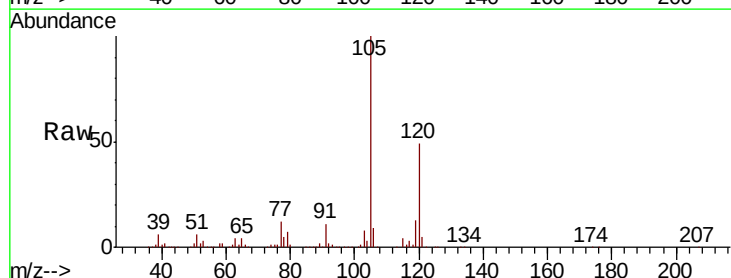
Acq: 28 Aug 2018 12:25

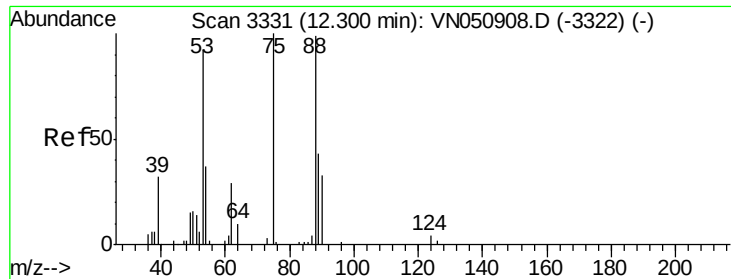
Tgt Ion: 105 Resp: 523040

Ion Ratio Lower Upper

105 100

120 49.8 0.0 99.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.13 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

Tot Ion: 75 Resp: 38088

Ion Ratio Lower Upper

75 100

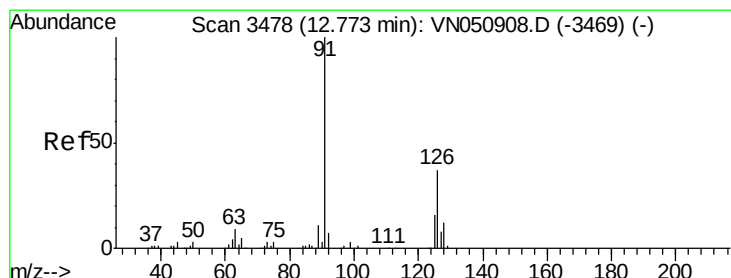
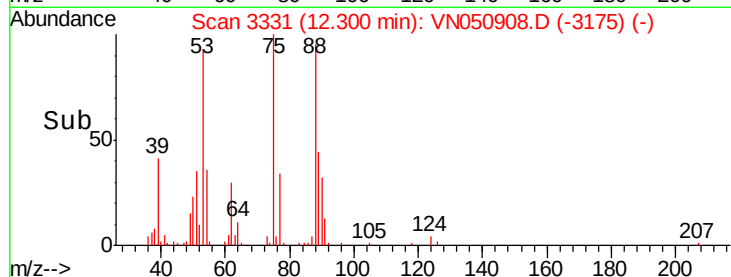
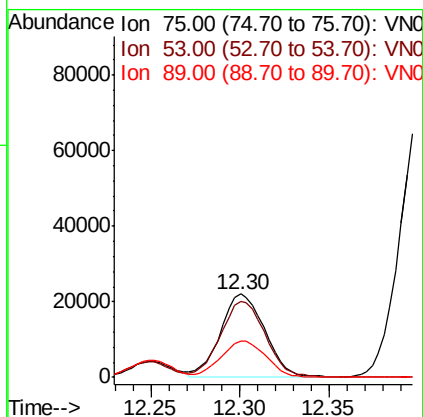
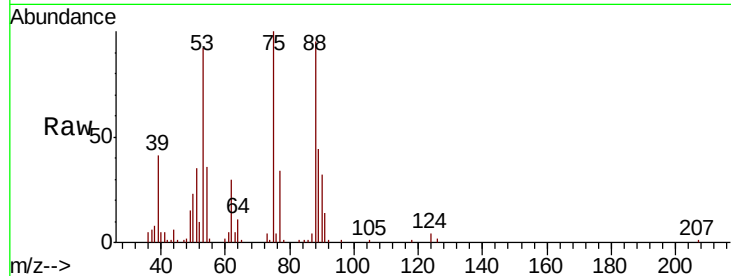
53 90.9 45.5 136.4

89 43.9 21.9 65.8

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#78

4-Chlorotoluene

Concen: 20.01 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050908.D

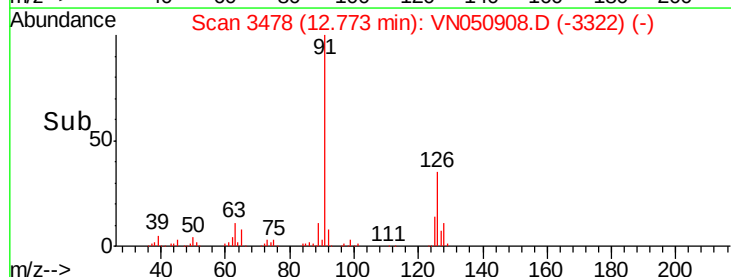
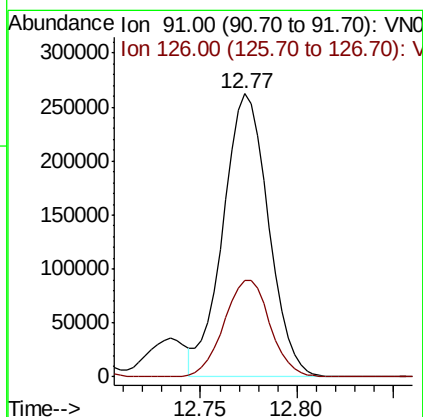
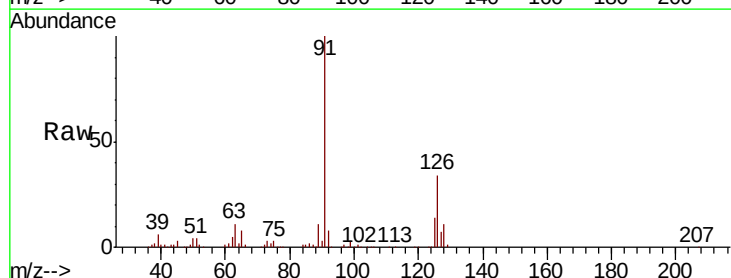
Acq: 28 Aug 2018 12:25

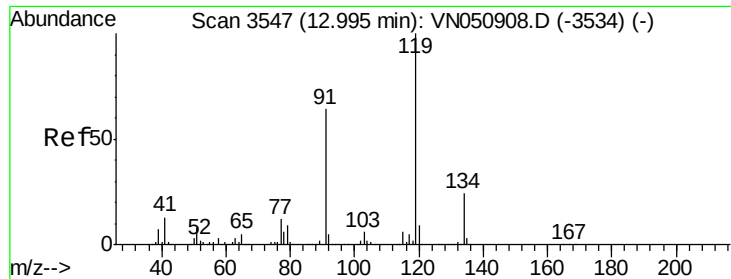
Tgt Ion: 91 Resp: 427092

Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.8





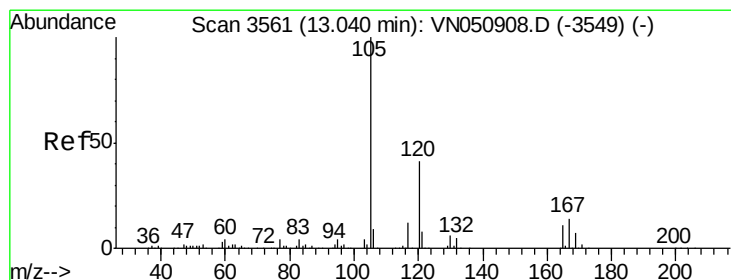
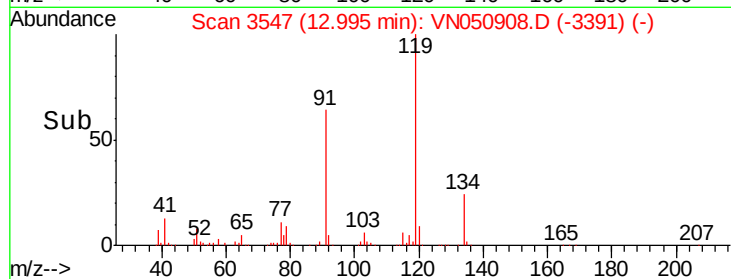
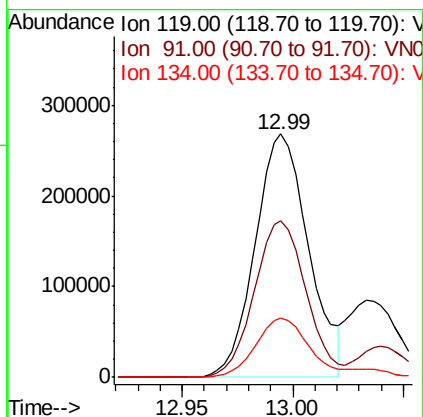
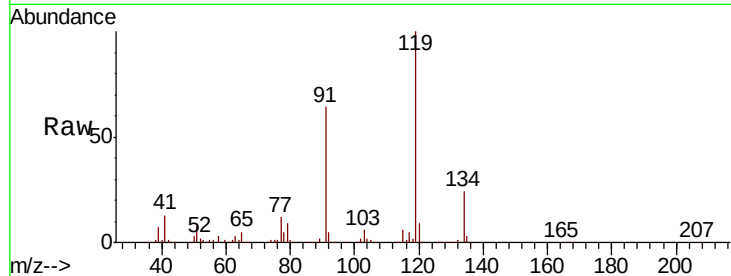
#79
 tert-butylbenzene
 Concen: 20.11 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	450503		
91	62.8	0.0	125.6	
134	24.2	0.0	48.4	

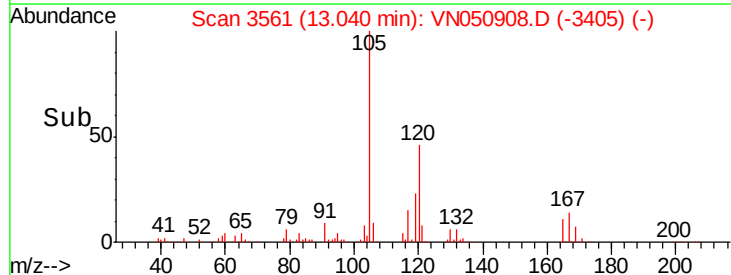
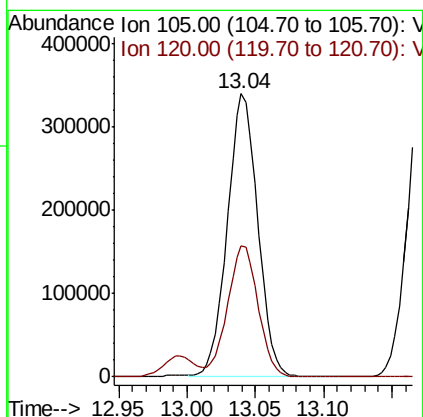
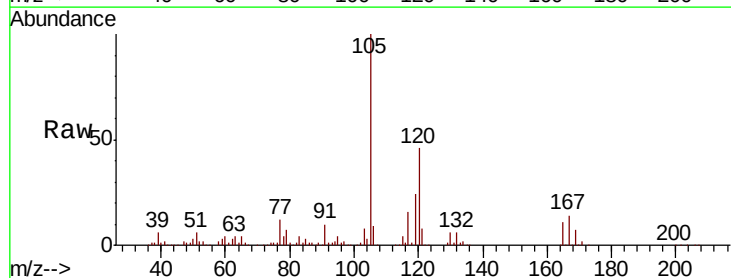
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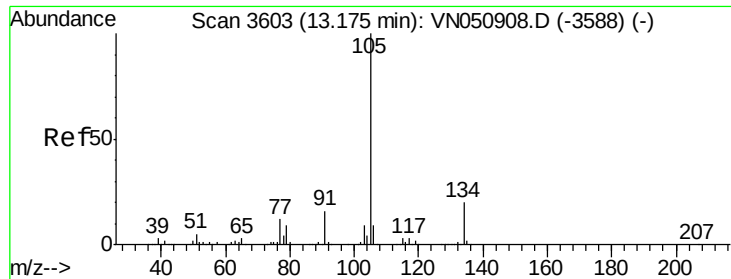
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#80
 1,2,4-Trimethylbenzene
 Concen: 20.47 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	526432		
120	46.8	0.0	93.6	





#81

sec-Butylbenzene

Concen: 19.90 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:105 Resp: 583322

Ion Ratio Lower Upper

105 100

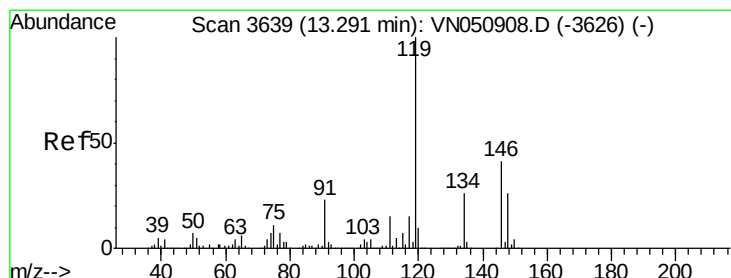
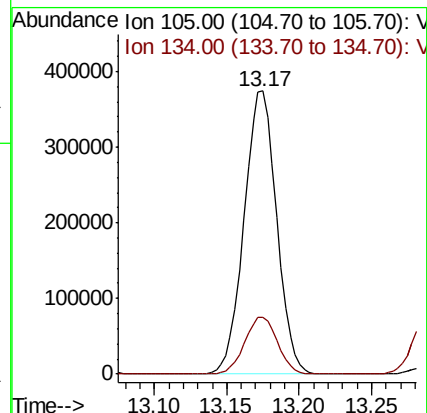
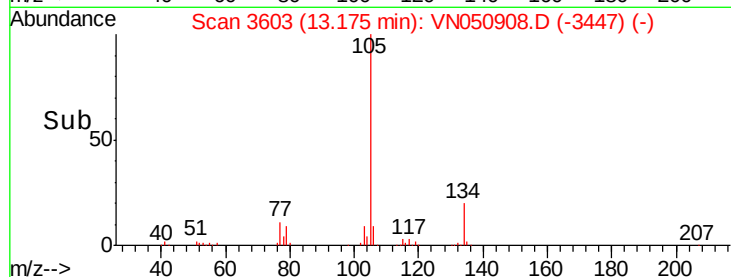
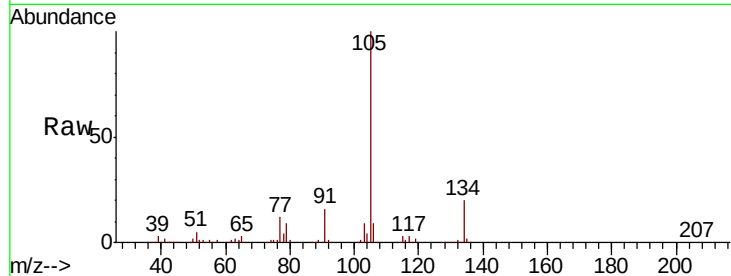
134 20.4 0.0 40.8

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#82

p-Isopropyltoluene

Concen: 19.88 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

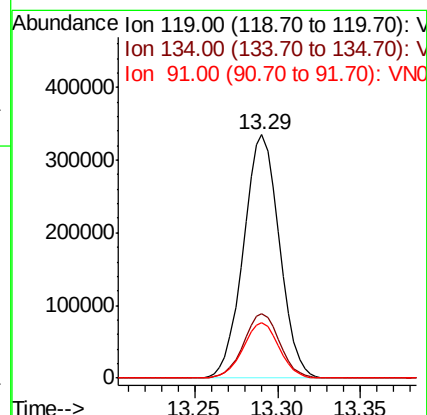
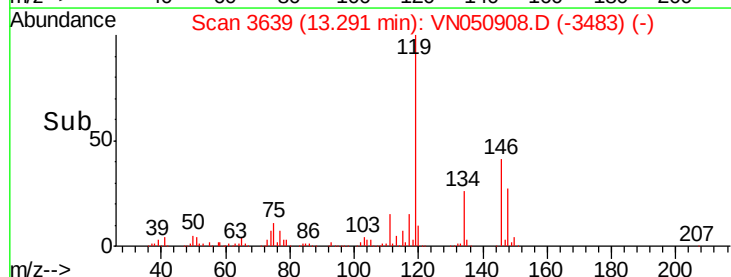
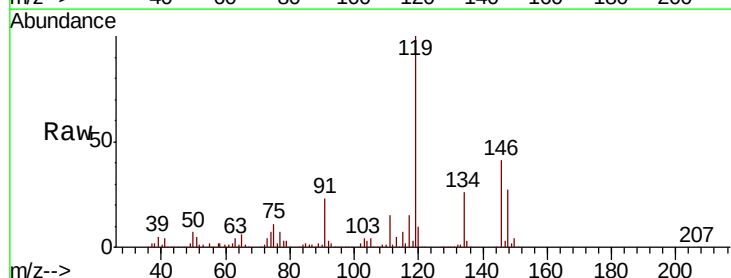
Tgt Ion:119 Resp: 503016

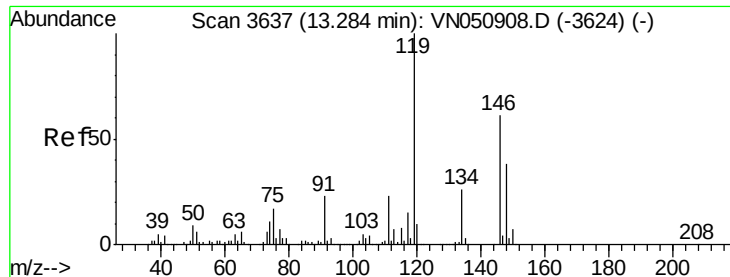
Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

91 23.0 0.0 46.0





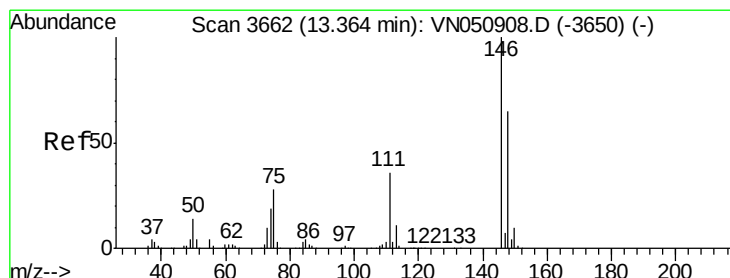
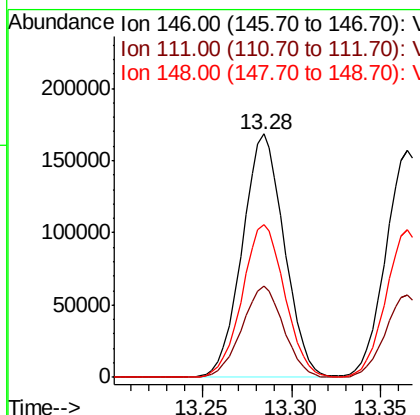
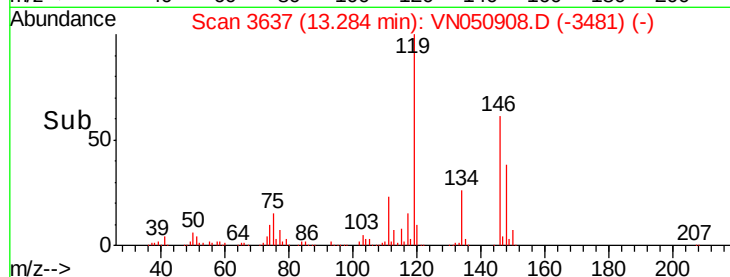
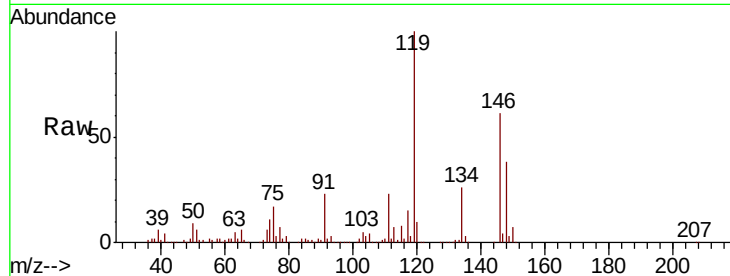
#83
1,3-Dichlorobenzene
Concen: 19.78 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277676		
111	37.1	18.6	55.6	
148	63.5	31.8	95.3	

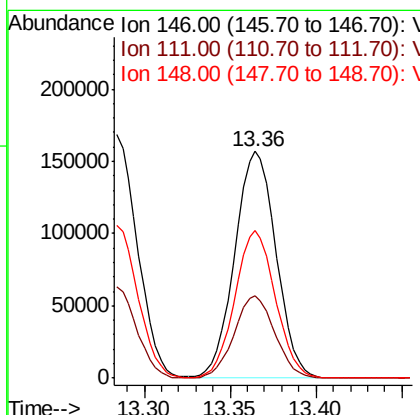
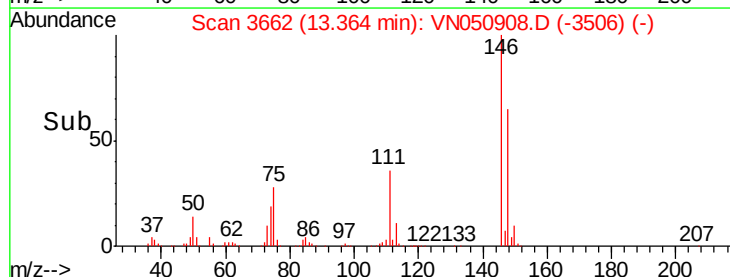
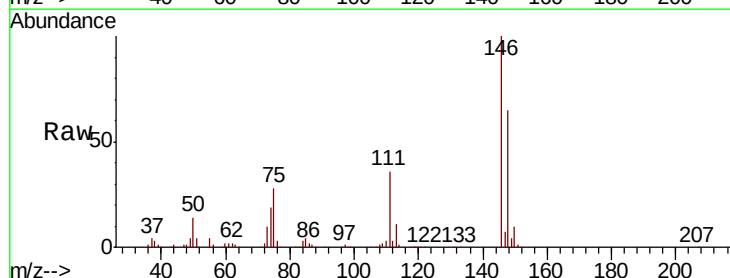
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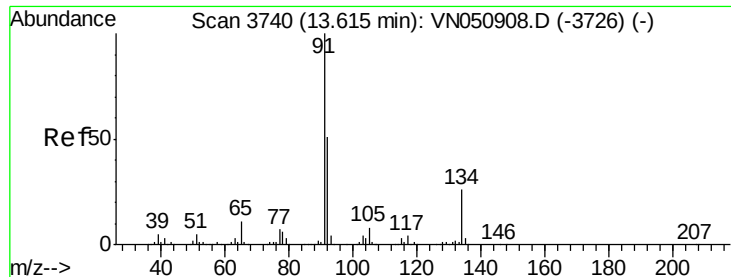
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#84
1,4-Dichlorobenzene
Concen: 19.72 ug/l
RT: 13.36 min Scan# 3662
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262318		
111	35.4	17.7	53.1	
148	63.2	31.6	94.8	





#85

n-Butylbenzene

Concen: 18.69 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

Instrument :

MSVOA_N

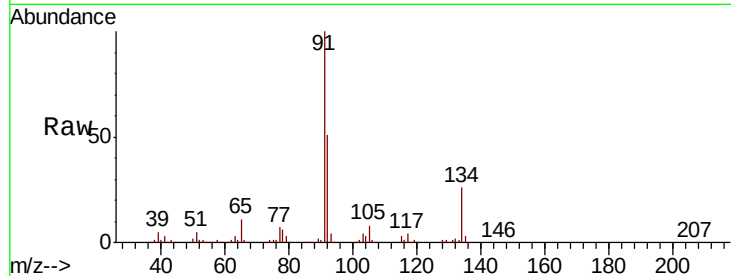
ClientSampled :

VSTDICCC020

Tot Ion:	91	Resp:	360715
Ion	Ratio	Lower	Upper
91	100		
92	50.9	0.0	101.8
134	26.1	0.0	52.2

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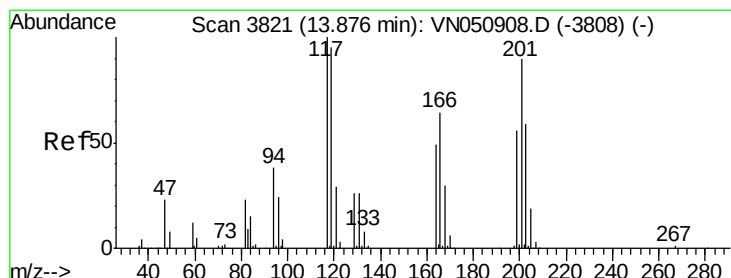
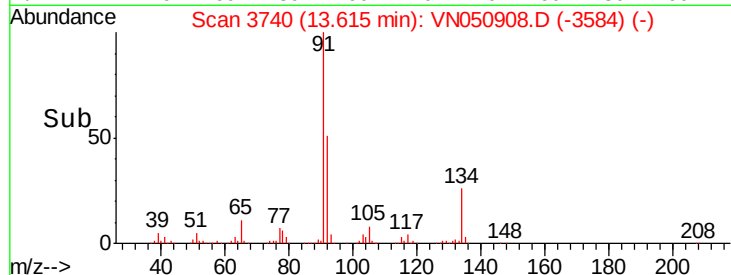
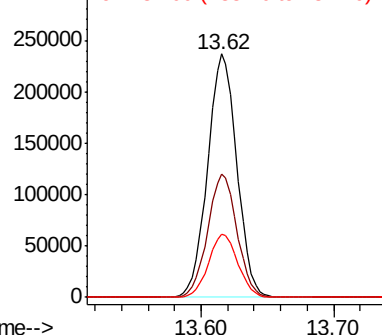


Abundance

Ion 91.00 (90.70 to 91.70): VN050908.D (-3726) (-)

Ion 92.00 (91.70 to 92.70): VN050908.D (-3726) (-)

Ion 134.00 (133.70 to 134.70): VN050908.D (-3726) (-)



#86

Hexachloroethane

Concen: 19.53 ug/l

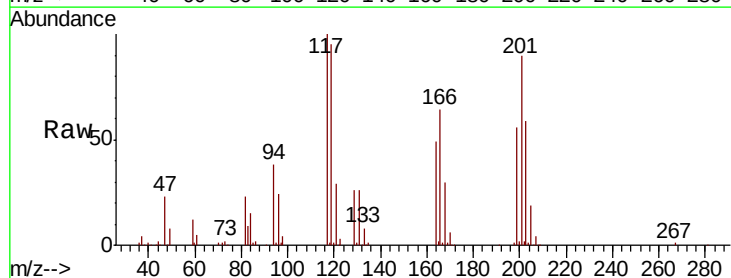
RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050908.D

Acq: 28 Aug 2018 12:25

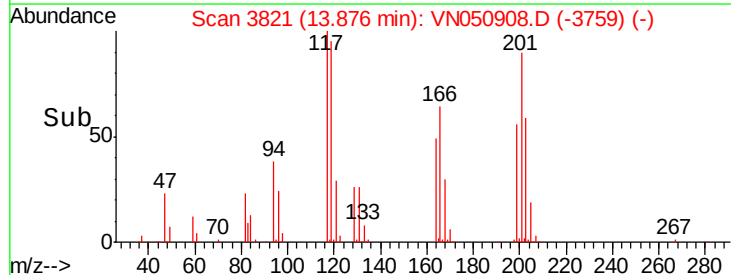
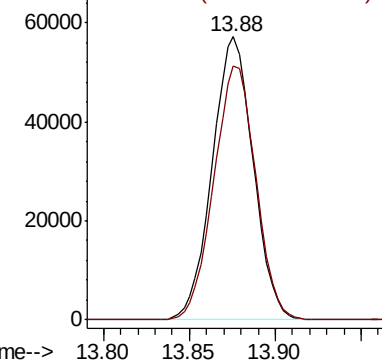
Tgt Ion:	117	Resp:	94836
Ion	Ratio	Lower	Upper
117	100		
201	91.6	45.8	137.4

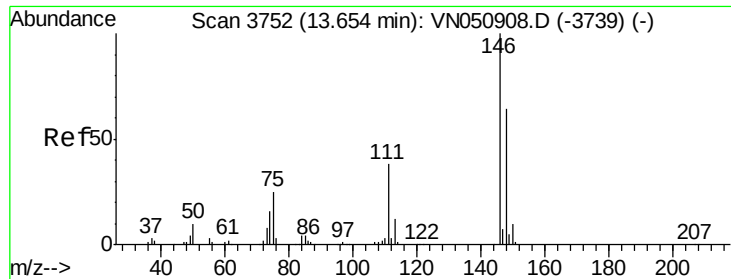


Abundance

Ion 117.00 (116.70 to 117.70): VN050908.D (-3808) (-)

Ion 201.00 (200.70 to 201.70): VN050908.D (-3808) (-)





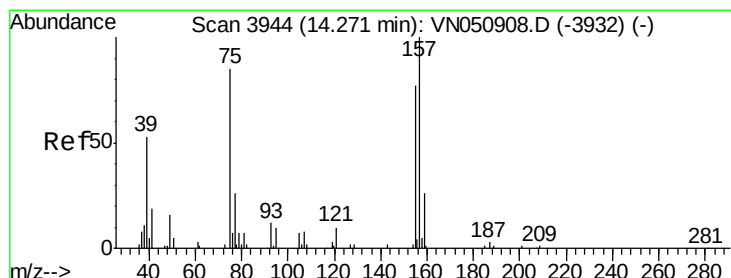
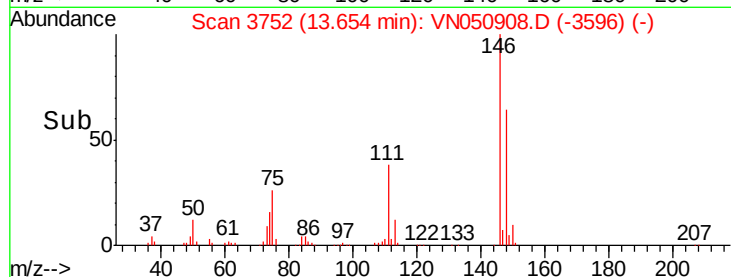
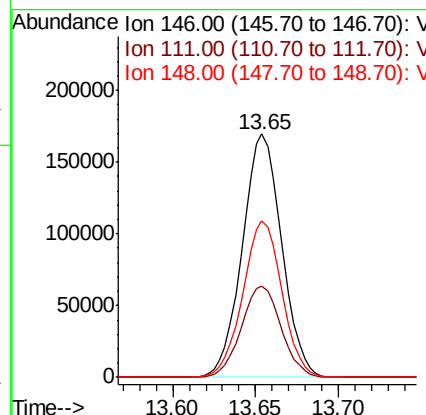
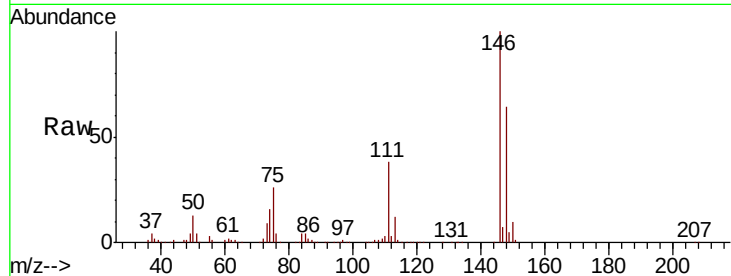
#87
 1,2-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279455		
111	38.1	19.1	57.1	
148	63.9	31.9	95.9	

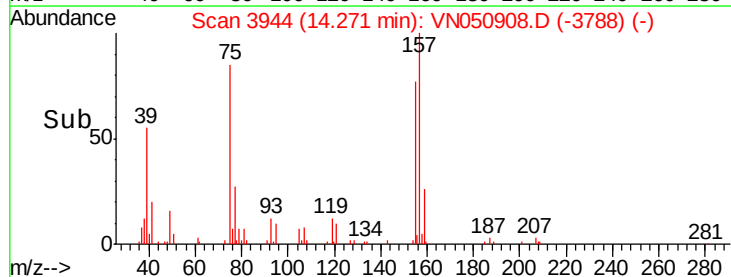
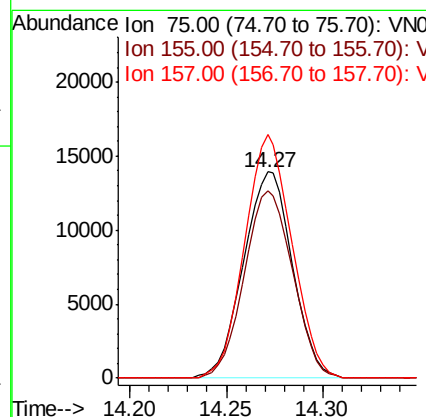
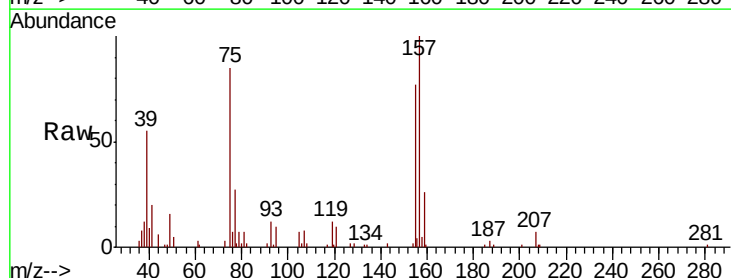
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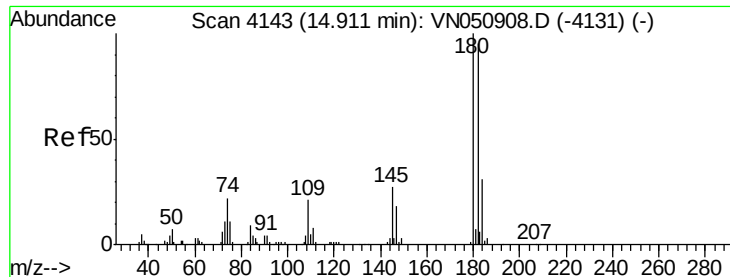
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.46 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24462		
155	89.7	71.8	107.6	
157	113.9	91.1	136.7	





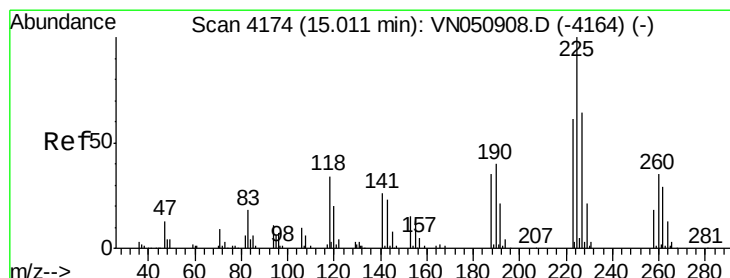
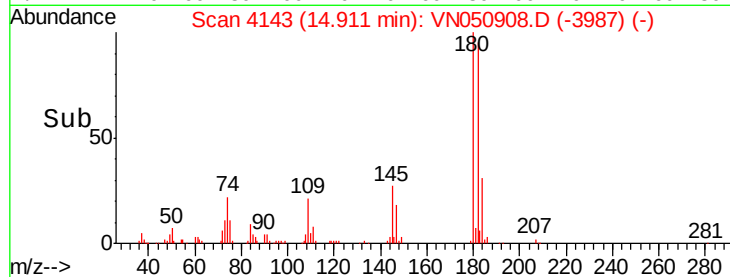
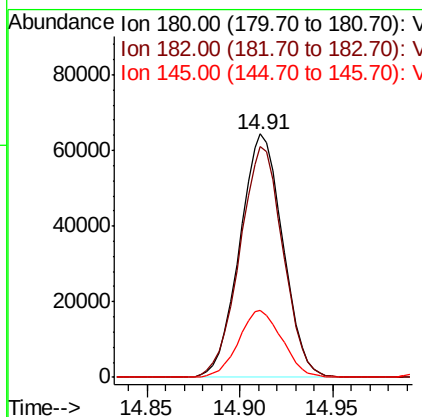
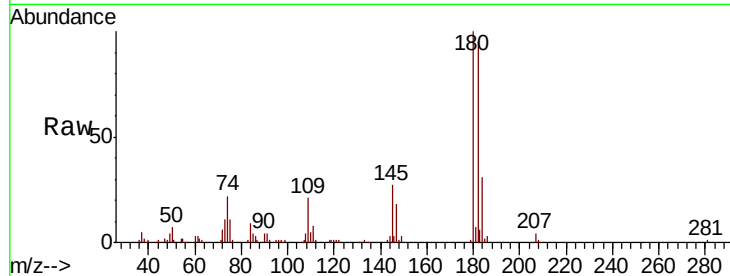
#89
 1,2,4-Trichlorobenzene
 Concen: 16.88 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	76.2	114.4	
145	27.8	22.2	33.4	

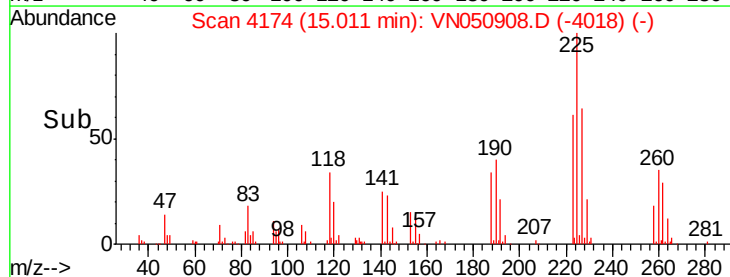
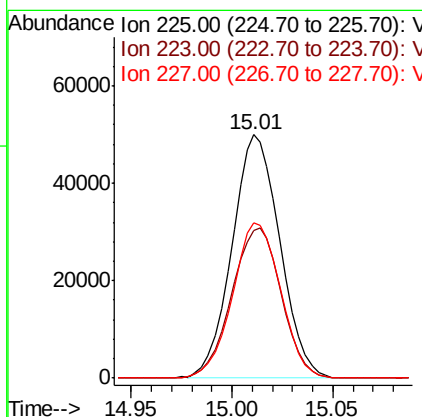
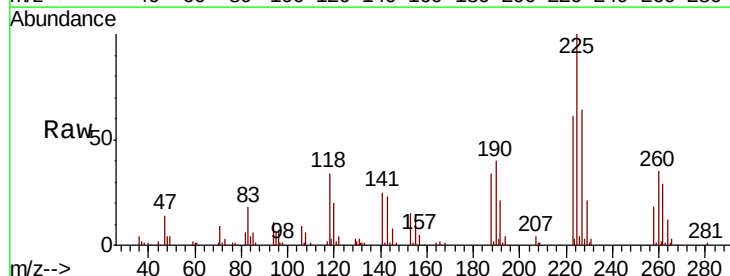
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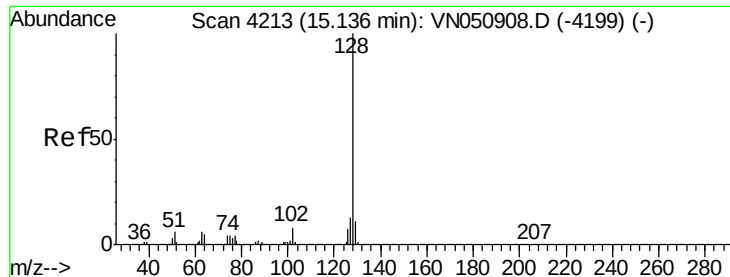
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#90
 Hexachlorobutadiene
 Concen: 19.82 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050908.D
 Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	0.0	127.8	
227	64.2	0.0	128.4	





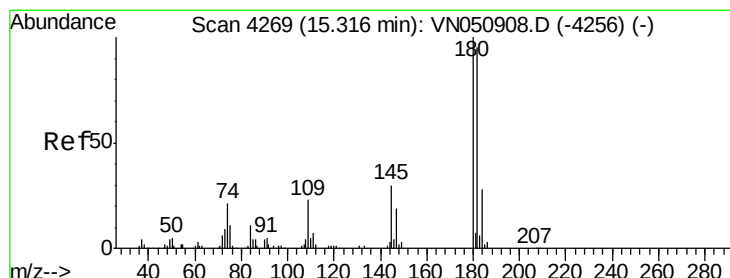
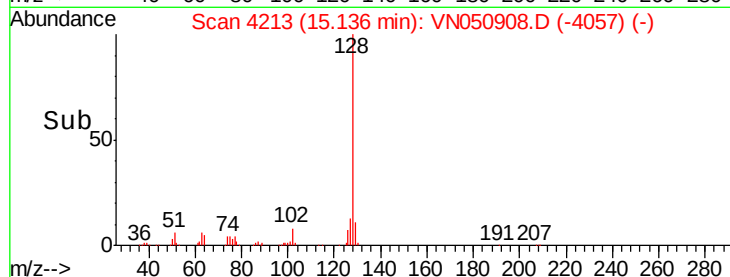
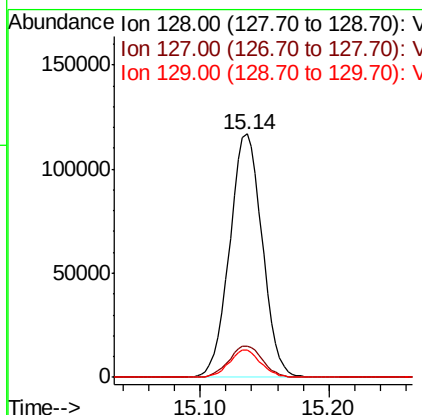
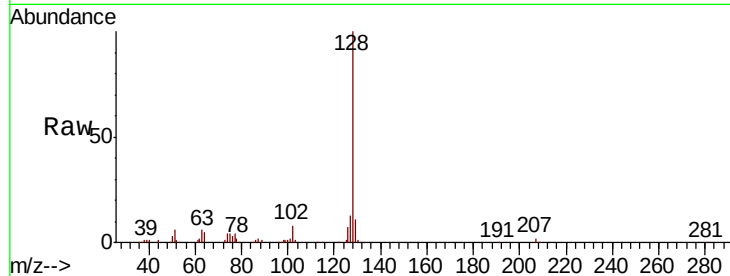
#91
Naphthalene
Concen: 15.54 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	204956		
127	13.3		10.6	16.0
129	10.9		8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 17.94 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050908.D
Acq: 28 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110757		
182	96.4		0.0	192.8
145	30.0		0.0	60.0

